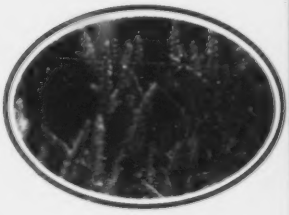

MANITOBA AGRICULTURE YEARBOOK 2002

Manitoba

Building for the Future

Copies of this publication may be obtained from:

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FOREWORD

This publication is the fortieth in the Yearbook series initiated in 1963. The same format, which includes recent and historical data from 1960, has been continued for the convenience of users. Minor changes are made annually whenever new or more detailed information becomes available. Please note that some totals may not add due to rounding and metric/Imperial conversions. Statistics published are based on available information as of August 1, 2003.

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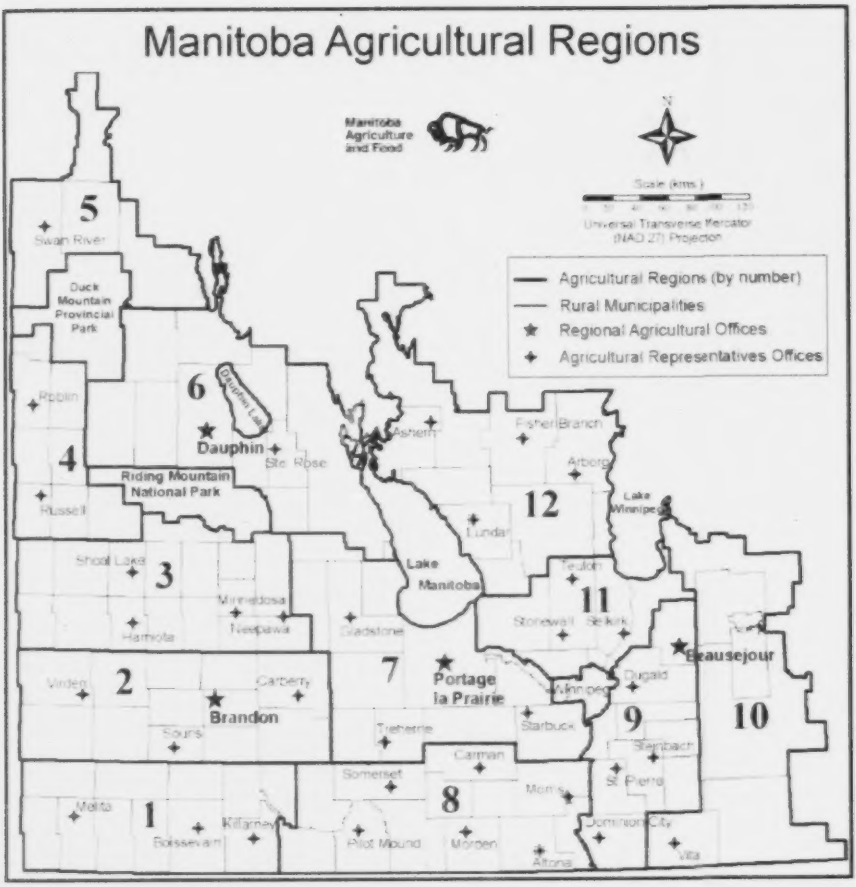
MAP 1: Manitoba Agricultural Regions



Administrative Region Name	Agricultural Region Numbers
Southwest	1, 2, 3
Northwest	4, 5, 6
Central	7, 8
Eastern/Interlake	9, 10, 11, 12

2002 IN REVIEW

TABLE 1: Manitoba Agriculture in Perspective - Relationship to Canadian Agriculture

	Canada	Manitoba	Percent of Canada
	thousand tonnes		
Crop Production 2002			
Wheat (all)	15,689.9	3,355.2	21.4
Oats	2,748.8	1,017.9	37.0
Barley	7,282.6	1,175.7	16.1
Canola	3,577.1	1,406.1	39.3
Flaxseed	679.4	214.6	31.6
	million bushels		
Wheat (all)	576.5	123.3	21.4
Oats	178.2	66.0	37.0
Barley	334.5	54.0	16.1
Canola	157.7	62.0	39.3
Flaxseed	26.8	8.5	31.6
Livestock and Poultry, 2002			
Cattle and Calves, July 1 (000s)	15,435.7	1,470.0	9.5
Hogs, July 1 (000s)	14,668.5	2,785.0	19.0
Sheep and Lambs, July 1 (000s)	1,252.5	78.0	6.2
Chicken Egg Sales (million dozen)	499.8	71.8	14.4
Milk and Cream Sales (000 kl)	7,380.1	286.3	3.9
Inspected Livestock Slaughtered, 2002			
Cattle and Calves (000s)	3,750.2	16.4	0.4
Hogs (000s)	21,979.0	4,421.3	20.1
Sheep and Lambs (000s)	464.7	2.7	0.6
	thousand dollars		
Farm Income, 2002			
Total Cash Receipts	35,774,799	3,827,443	10.7
Net Operating Expenses	28,033,362	2,729,091	9.7
Realized Net Income (incl. dep.)	3,682,421	749,294	20.3
Resources, 2001 (Census)			
Land in Farms (hectares)	67,502,446	7,601,779	11.3
Improved Land (hectares)	45,880,044	5,354,037	11.7
Crop Land (hectares)	36,395,150	4,714,830	13.0
Land in Farms (acres)	166,802,197	18,784,407	11.3
Improved Land (acres)	113,372,075	13,230,114	11.7
Crop Land (acres)	89,934,387	11,650,599	13.0
Farm Numbers	246,323	21,071	8.5
Farm Population	NA	NA	-
Tractors on Farms	732,521	69,209	9.4
	million dollars		
Capital Investment, 2002	189,168.4	14,748.3	7.8
Land and Buildings	140,373.7	9,825.8	7.0
Machinery and Equipment	32,712.9	3,273.2	10.0
Livestock and Poultry	16,081.8	1,649.3	10.3

SOURCE: Statistics Canada, Agriculture & Agri-Food Canada, CFIA

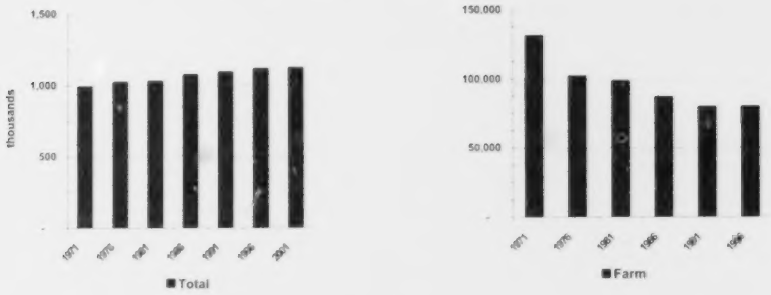
TABLE 2: Farm Structure

	1971	1976	1981	1986	1991	1996	2001
People							
Total Manitoba Population	988,247	1,021,506	1,026,241	1,063,016	1,091,945	1,113,900	1,119,583
Rural Population	N.A.	295,253	295,582	296,165	304,765	313,835	314,262
Urban Population	N.A.	726,253	730,659	766,851	787,175	800,065	805,321
Farm Population[1]	131,202	101,904	98,375	86,505	79,280	79,840	NA
Rural[2] Farm Population	Not available.				78,080	78,470	NA
Urban[3] Farm Population					1,195	1,370	NA
Land							
Total Manitoba Land Base (000 units)							
Hectares	54,770.5	54,770.5	54,770.5	54,770.5	54,770.5	54,770.5	54,770.5
Acres	135,340.8	135,340.8	135,340.8	135,340.8	135,340.8	135,340.8	135,340.8
Farmland (000 units)							
Hectares	7,692.4	7,699.7	7,615.9	7,740.2	7,725.0	7,732.1	7,601.8
Acres	19,008.3	19,026.3	18,819.4	19,126.5	19,088.9	19,106.5	18,784.4
Total Improved:							
Hectares	5,061.9	5,092.9	5,371.2	5,303.5	5,399.3	5,379.0	5,354.0
Acres	12,508.2	12,584.9	13,272.6	13,105.2	13,342.1	13,291.9	13,230.1
Land in Crops:							
Hectares	3,691.7	3,847.5	4,420.4	4,519.3	4,761.1	4,699.1	4,714.8
Acres	9,122.5	9,507.5	10,923.0	11,167.5	11,764.8	11,611.8	11,650.6
Summerfallow:							
Hectares	1,074.5	934.1	598.3	509.2	297.0	323.7	255.7
Acres	2,655.2	2,308.2	1,478.5	1,258.3	733.9	799.8	631.9
Improved Pasture & Other:							
Hectares	295.6	311.3	352.5	274.9	341.3	356.2	383.5
Acres	730.5	769.2	871.1	679.4	843.3	880.3	947.6
Unimproved Pasture & Hayland:							
Hectares	2,630.5	2,606.7	2,244.7	2,436.7	1,750.5	1,653.8	1,580.4
Acres	6,500.1	6,441.4	5,546.8	6,021.3	4,325.6	4,086.7	3,905.2
All Other Land:							
Hectares	Included in the above Unimproved Pasture & Hayland				575.1	699.3	667.4
Acres					1,421.2	1,728.0	1,649.1
Farms and Finances							
Census Farms	34,981	32,104	29,442	27,336	25,706	24,383	21,071
Average Size - Census Farms							
Hectares	220	240	259	283	300	317	361
Acres	543	593	639	700	743	784	891
Average Value per Unit							
Hectares	$178.65	$416.65	$1,028.86	$850.66	$882.12	$1,097.68	$1,296.89
Acres	$72.30	$168.61	$416.36	$344.25	$356.98	$444.22	$524.83
Average Capital per Farm	$58,764	$141,253	$354,968	$349,525	$399,010	$518,213	$726,346
Type of Organization							
Sole Proprietorship	32,183	29,748	25,701	22,869	17,017	15,340	12,322
Partnership							
With written agreement	2,094	973	688	761	1,125	1,092	900
With no written agreement	...	...	1,965	2,468	5,950	5,755	5,494
Corporation							
Family	548	1,089	882	1,035	1,279	1,719	1,936
Other	67	165	85	81	207	372	356
Other	89	129	121	122	128	105	63
Tenure of Operators							
No. Reporting Owned Land	32,792	29,968	27,183	25,091	24,098	23,036	20,031
No. Reporting Rented Land	13,373	12,992	13,359	13,552	12,795	12,125	10,708

[1] Refers to all persons who are members of a farm operator's household, living on a farm in a rural/urban area.
[2] Refers to sparsely populated lands lying outside urban areas.
[3] Refers to areas, which have minimum population concentrations of 1,000 and a population density of at least 400/sq km, based on the previous census population counts. All territory outside urban areas is considered rural. Taken together, urban and rural areas cover all of Manitoba.

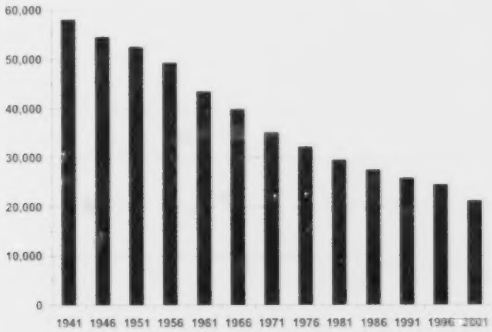
SOURCE: Statistics Canada, Census of Agriculture, Census of Population.

CHART 1: Manitoba Total and Farm Population



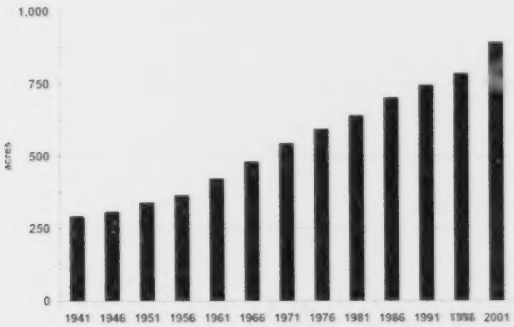
SOURCE: Statistics Canada, Census of Population.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

CHART 2: Number of Manitoba Census Farms



SOURCE: Statistics Canada, Census of Agriculture.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

CHART 3: Average Size of Manitoba Census Farms



SOURCE: Statistics Canada, Census of Agriculture.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

2002 VALUE OF FARM PRODUCTION

The total value of agricultural production in Manitoba in 2002 was estimated at a new record of $4,005.7 million. This represented a 7.9 percent increase from the revised 2001 value of $3,713.6 million. The value of crop production was a record $2,263.4 million, up by 22.2 percent from the 2001 value and 6.5 percent above the previous record value of $2,125.1 million in 1996. Increased prices of most crops contributed to the higher crop value in 2002.

Livestock production was valued at a $1,651.8 million, 7.7 percent below the 2001 level. The decrease in livestock production value in 2002 was mainly due to lower prices for cattle and hogs.

TABLE 3: Gross Value of Agricultural Production

	1997[R]	1998[R]	1999[R]	2000[R]	2001[R]	2002
	million dollars					
Crops	1,858.2	2,007.9	1,548.9	1,759.5	1,852.4	2,263.4
Livestock and Products[R]	1,158.4	1,156.1	1,278.8	1,561.1	1,790.3	1,651.8
Other (Honey & Wax, Bees, Fur, Wildlife, PMU, Forest, etc.)	68.1	64.7	66.1	61.7	70.9	90.5
TOTAL	**3,084.8**	**3,228.7**	**2,893.7**	**3,382.3**	**3,713.6**	**4,005.7**

TABLE 4: 2002 Summary of Crop Production

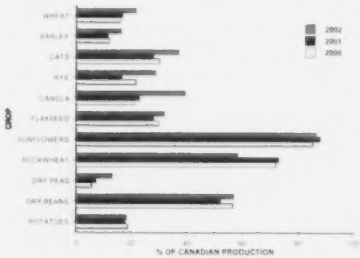
Crop	Harvested Hectares (000)	Yield Per Hectare (tonnes)	Production (000 tonnes)	Farm Value	
				$ Per (tonne)	Total ($000)
Wheat	1,375.9	2.40	3,355.2	155	521,030
Oats	404.7	2.50	1,017.9	177	180,380
Barley	404.7	2.90	1,175.7	159	187,050
Rye	18.2	2.10	38.1	146	5,580
Mixed Grains	8.1	2.50	20.4	151	3,090
Grain Corn	62.7	5.90	368.3	143	52,670
Canola	870.1	1.60	1,406.1	375	527,290
Flaxseed	172.0	1.20	214.6	384	82,410
Soybeans	52.6	2.10	108.9	297	32,330
Sunflower Seed	80.9	1.70	136.1	479	65,250
Buckwheat	8.1	0.90	7.1	333	2,360
Canary Seed	28.3	0.80	23.6	630	14,870
Dry Beans	125.5	1.84	231.3	554	128,140
Dry Peas	80.8	2.20	176.9	202	35,680
Fababeans	4.0	2.10	8.4	186	1,560
Hemp	0.6	0.80	0.5	1,000	500
Lentils	0.1	0.56	0.1	280	20
Mustard Seed	12.1	0.80	10.0	658	6,580
Safflowerseed	0.4	1.20	0.5	331	170
Triticale	1.2	2.10	2.5	131	330
Other Specialty Crops	3.3	0.90	3.0	1,000	5,000
Wild Rice (green basis)			0.34	1,870	640
Forage Seeds	57.8	0.23	13.5	1,477	19,930
Fodder Corn	16.2	22.40	362.9	35	12,780
All Tame Hay	819.5	2.60	2,154.6	75	161,600
Straw for Processing					1,200
Horticulture:					
Potatoes	34.4	21.20	728.9	197	143,560
Vegetables	1.9	17.40	33.2	670	22,120
Fruits	0.4	2.80	1.1	3,307	3,550
Greenhouse & Mushrooms					36,200
Nursery Products & Sod					9,500
TOTAL	**4,644.5**		**11,600**		**2,263,370**

TABLE 4: Crop Production Continued

Crop	Harvested Acres (000)	Yield Per Acre (bushels)	Production (000 bu.)	Farm Value	
				$ Per (bushel)	Total ($000)
Wheat	3,400	36.3	123,280	4.23	521,030
Oats	1,000	66.0	66,000	2.73	180,380
Barley	1,000	54.0	54,000	3.46	187,050
Rye	45	33.3	1,500	3.72	5,580
Mixed Grains	20	50.0	1,000	3.10	3,090
Grain Corn	155	93.5	14,500	3.63	52,670
Canola	2,150	28.8	62,000	8.50	527,290
Flaxseed	425	19.9	8,450	9.75	82,410
Soybeans	130	30.8	4,000	8.10	32,330
		(pounds)	(000 lb.)	(pound)	
Sunflower Seed	200	1,500	300,000	0.22	65,250
		(bushels)	(000 bu.)	(bushel)	
Buckwheat	20	16.3	325	7.25	2,360
		(pounds)	(000 lb.)	(pound)	
Canary Seed	70	742.9	52,000	0.29	14,870
Dry Beans	310	1,645	510,000	0.25	128,140
		(bushels)	(000 bu.)	(bushel)	
Dry Peas	200	32.5	6,500	5.49	35,680
Triticale	3	33.3	100	3.43	330
		(pounds)	(000 lb.)	(pound)	
Fababeans	10	1,850	18,500	0.08	1,560
Hemp	1.6	700	1,100	0.45	500
Lentils	0.3	500	155	0.13	20
Mustard Seed	30	730	22,000	0.30	6,580
Safflowerseed	1	1,000	1,000	0.15	170
Other Specialty Crops	8	950	7,600	0.65	5,000
Wild Rice (green basis)			750	0.85	640
Forage Seeds	143	208	29,750	0.67	19,930
		(tons)	(000 tons)	(ton)	
Fodder Corn	40	10.0	400	32.00	12,780
All Tame Hay	2,025	1.2	2,375	68.00	161,600
Straw for Processing					1,200
		(cwt)	(000 cwt)	(cwt)	
Horticulture:					
Potatoes	85	189	16,070	8.93	143,560
Vegetables	4.7	155	731	30	22,120
Fruits	1.1	23	24	150	3,550
Greenhouse & Mushrooms					36,200
Nursery Products & Sod					9,500
TOTAL	**11,477**				**2,263,370**

NOTE: Numbers may not all add due to rounding/metric-Imperial conversion.
SOURCE: Statistics Canada; Manitoba Agriculture and Food.

CHART 4: Crop Production as a Percent of Canadian Production, 2000, 2001, 2002



SOURCE: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 5: 2002 Summary of Livestock Production

	Number (000)	Value Per Unit $	Total Value ($000)
CATTLE:			
Commercial Marketings (including exports)	530		
Inventory Change	5		
Local Slaughterings	0		
TOTAL CATTLE	**535**	**950**	**510,000**
HOGS:			
Commercial Marketings (including exports)	6,450		
Inventory Change	190		
Local Slaughterings	10		
TOTAL HOGS	**6,650**	**114**	**760,000**
LAMBS & WOOL:			
Manitoba-produced Lamb Marketings	57		5,400
Wool sold or used on farms:			
- 000 kilograms	81		87
- 000 pounds	179		
TOTAL LAMBS & WOOL			**5,487**
DAIRY PRODUCTS:			
Milk Equivalent - 000 kl	286		163,924
Supplementary Payments			258
TOTAL DAIRY PRODUCTS			**164,182**
POULTRY:			
Eggs (incl. hatching eggs) (000 dozen)	75,110		99,700
Meat (000 birds)	28,400		79,000
TOTAL POULTRY			**178,700**
OTHER LIVESTOCK:			
Bison, pheasants, wild boars, llamas, rabbits, slaughter horses, ostriches, goats, etc			33,400
TOTAL LIVESTOCK PRODUCTION			**1,651,770**

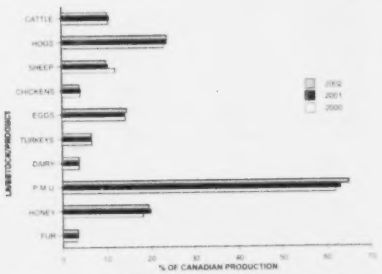
SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Agriculture and Food.

TABLE 6: 2002 Summary of Other Products

	Number	Total Value ($000)
Pregnant Mare's Urine (PMU) (Mares)*	21,100	52,061
Honey (tonnes)	6,511	28,710
Beeswax (tonnes)	98	399
Leafcutting Bees (million)	2,231	4,016
Fur-farm raised (pelts)*	35,650	1,636
Fur-wildlife (pelts)*	110,470	2,440
Forest Products & Christmas Trees		1,266
TOTAL OTHER PRODUCTS		**90,528**

* Season 2001/2002.
SOURCE: Statistics Canada, Ayerst Organics, Manitoba Agriculture and Food.

CHART 5: Livestock Production as a Percent of Canadian Production, 2000, 2001, 2002



SOURCE: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

TABLE 7: Farm Input Price Indices (1992 = 100), 2001, 2002

	Western Canada		Canada	
	2001	2002	2001	2002
Total Farm Inputs	**132.9**	**130.1**	**129.5**	**128.4**
Building and Fencing	118.5	121.6	120.0	122.8
Machinery and Motor Vehicles	143.3	140.7	143.7	143.5
Crop Production	142.7	132.4	137.6	130.9
Animal Production	141.0	135.9	135.1	131.9
Supplies and Services	118.6	119.7	121.1	120.8
Hired Farm Labour	123.8	126.4	125.4	128.0
Property Taxes	121.4	126.7	112.6	118.3
Interest	89.2	86.7	90.5	88.2
Farm Rent	128.0	134.2	113.8	121.1

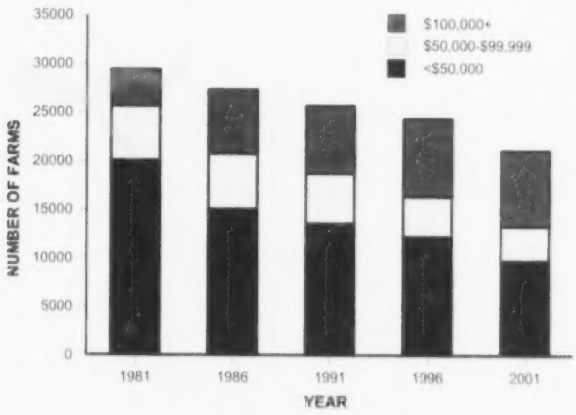
SOURCE: Statistics Canada, Cat. No. 62-004-XPB, First Quarter, 2003.

TABLE 8: Farm Product Price Indices (1997 = 100), 2001, 2002

	Manitoba		Canada	
	2001	2002	2001	2002
Total Index	**96.5**	**100.9**	**102.2**	**105.7**
Grains	92.8	108.4	95.1	109.2
Oilseeds	73.9	97.5	74.5	93.6
Specialty Crops	108.9	117.1	101.9	125.2
Fruit	121.6	97.3	96.5	102.7
Vegetables	110.5	106.3	106.1	111.3
Potatoes	101.6	107.9	124.7	175.6
Total Crops	**87.6**	**104.6**	**93.1**	**108.0**
Cattle & Calves	123.5	110.7	127.3	118.1
Hogs	98.3	83.5	94.5	76.9
Poultry	99.1	96.6	95.3	91.8
Eggs	85.2	84.2	98.8	101.2
Dairy	109.2	114.6	109.6	112.1
Total Livestock	**108.6**	**98.0**	**110.9**	**103.8**

SOURCE: Statistics Canada, Cat. No. 62-007-XIB, June, 2003.

CHART 6: Farms Classified by Farm Cash Receipts, 1981 – 2001



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 9: Farm Cash Receipts, 1999-2002

	1999	2000	2001[P]	2002[P]
	- thousand dollars -			
Wheat-excluding Durum	357,476	352,835	445,212	459,966
Wheat-excluding Durum, CWB Payment[1]	115,516	88,463	127,049	158,553
Durum Wheat	15,166	3,170	9,401	8,744
Durum Wheat, CWB Payments[1]	5,740	2,851	4,647	2,957
Total Wheat	**372,642**	**356,005**	**454,613**	**468,710**
Total Wheat, CWB Payments[1]	**121,256**	**91,314**	**131,696**	**161,510**
Oats	63,524	68,208	95,986	124,738
Barley	35,043	41,939	90,720	83,753
Barley, CWB Payments[1]	3,304	3,119	2,887	1,114
Deferred Grain Receipts	-114,912	-115,838	-170,889	-142,031
Liquidation of Deferred Grain Receipts	181,973	127,498	118,684	161,630
Rye	5,219	4,579	3,893	2,429
Flaxseed	42,647	47,099	50,203	81,427
Canola	351,749	324,316	363,892	483,561
Soybeans	-	-	2,016	11,086
Corn	19,196	21,404	22,100	35,095
Sugar Beets	876	-	-	-
Potatoes	118,612	111,288	131,309	135,463
Vegetables	26,858	26,209	32,477	29,947
Apples	34	76	-	-
Strawberries	1,555	1,600	2,250	1,625
Other Berries	463	336	625	645
Floriculture and Nursery	27,549	35,529	35,382	37,354
Mustard Seed	762	752	2,413	5,369
Sunflower Seed	22,242	24,259	29,202	42,201
Lentils	2,651	3,899	2,363	640
Canary Seed	3,254	2,787	4,819	10,952
Dry Beans	50,169	68,493	42,774	52,097
Dry Peas	16,203	14,799	19,228	29,431
Forage and Grass Seed	17,907	16,000	13,461	18,458
Hay and Clover	16,101	18,295	19,863	19,632
Forest Products	1,307	1,191	1,172	1,166
Christmas Trees	106	90	130	100
Miscellaneous Crops	26,266	23,143	27,531	32,903
TOTAL CROPS	**1,414,556**	**1,318,389**	**1,530,800**	**1,891,005**
Cattle	364,607	395,840	496,308	485,896
Calves	97,431	89,861	82,181	69,842
Hogs	482,268	676,087	765,721	714,465
Sheep	101	108	155	117
Lambs	8,933	9,706	10,028	9,782
Dairy Products	152,288	154,029	157,999	163,924
Hens and Chickens	54,447	56,479	64,026	61,176
Turkeys	16,388	17,827	17,025	17,112
Hatcheries	5,816	7,658	10,303	11,448
Eggs for Hatching	49,774	511	457	362
Eggs for Consumption		61,322	60,116	62,653
PMU, Horses and Embryos	56,647	56,598	64,325	71,462
Wool	29	87	97	63
Honey	14,187	12,733	15,320	15,943
Furs	1,177	1,213	1,625	1,636
Miscellaneous Livestock	24,438	28,862	32,714	31,594
TOTAL LIVESTOCK AND PRODUCTS	**1,328,531**	**1,568,921**	**1,778,400**	**1,717,475**
NISA Payments	58,267	61,628	58,642	77,725
Agricultural Income Disaster Assistance	42,183	45,101	117,593	45,951
Crop Insurance Payments[2]	39,741	73,662	101,875	93,562
Canada/Manitoba Adjustment Program	-	100,007	92,088	-
Manitoba Farm Disaster Assistance Program	66,704	2,974	-	-
Provincial Stabilization Program	-	-	-	-
Dairy Subsidy	3,137	2,167	1,277	258
Other Payments	5,985	1,554	10,672	1,467
TOTAL DIRECT PAYMENTS	**216,017**	**287,093**	**382,147**	**218,963**
TOTAL CASH RECEIPTS	**2,959,104**	**3,174,403**	**3,691,347**	**3,827,443**

[1] Participation payments made by the CWB to producers for crops delivered in previous year.
[2] Includes payments under the Crop Insurance Act and private hail insurance plans.
SOURCE: Statistics Canada, May 27, 2003.

TABLE 10: Farm Expenditures, 1999-2002

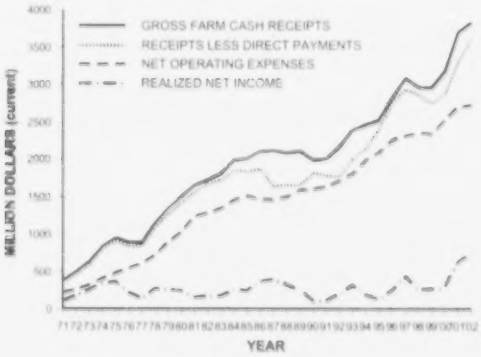
	1999	2000	2001	2002[P]
	- thousand dollars -			
Property Taxes	59,431	60,322	60,382	59,657
Cash Rent	104,532	110,595	116,678	117,261
Share Rent	30,126	27,415	26,483	31,727
Cash Wages and Room & Board	193,228	212,178	227,030	233,841
Interest	190,788	226,921	218,312	225,669
Repairs to Buildings & Fences	49,435	58,333	61,250	63,088
Electricity	60,609	61,761	62,996	62,807
Telephone	22,188	23,519	25,401	26,087
Heating Fuel	15,954	18,028	22,896	23,354
Machinery Fuel	158,961	195,522	197,477	183,654
Machinery Repairs & Other	209,294	211,387	221,956	228,615
Business Insurance	37,399	37,773	38,906	39,995
Custom Work	78,804	81,956	86,873	88,610
Stabilization Premiums	11	7	9	3
Crop & Hail Insurance	43,208	45,865	47,347	51,816
Fertilizer	294,202	308,912	353,395	282,363
Pesticides	215,131	221,585	219,369	201,381
Commercial Seed	99,540	103,621	104,657	115,541
Twine, Wire & Containers	11,084	11,860	12,572	12,823
Commercial Feed	279,208	300,149	360,179	445,541
Livestock & Poultry Purchases	51,947	73,134	98,323	83,250
A.I. & Veterinary Fees	37,198	40,174	43,388	45,557
Legal & Accounting Fees	55,909	56,971	60,389	63,408
Other	40,715	43,158	42,726	43,043
Operating Expenses	**2,344,902**	**2,531,146**	**2,708,994**	**2,729,091**
Depreciation on Buildings	37,110	37,912	37,914	38,080
Depreciation on Machinery	323,586	318,850	323,800	319,937
Total Depreciation	**360,696**	**356,762**	**361,714**	**358,017**
TOTAL EXPENSES	**2,705,598**	**2,887,908**	**3,070,708**	**3,087,108**

SOURCE: Statistics Canada, May 27, 2003.

FARM CASH RECEIPTS

Farm cash receipts include proceeds from the sales of agricultural products sold off farm through regular market channels. All deficiency, subsidy, supplementary and final Canadian Wheat Board payments are included. In 2002, total cash receipts were estimated at a record at $3.83 billion, 3.7 percent above the 2001 level of $3.69 billion.

CHART 7: Farm Income and Expenses, 1971 – 2002



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

FARM NET INCOME

Realized net farm income is determined by adding cash receipts, total payments and income-in-kind and subtracting net operating expenses and depreciation charges. In 2002, due to a 3.7 percent increase in farm cash receipts, a 0.7 percent rise in operating expenses and a 1.0 percent decrease in depreciation, realized net farm income rose to $749.3 million, 19.0 percent above the 2001 level. Realized net farm income per farm in 2002 was about $35,700, compared to the revised 2001 value of about $29,900 (* based on an estimate of 21,000 farms in 2002 and census farms of 21,071 in 2001). Total net income includes the value of inventory change. Despite the reduced value of livestock inventories and smaller crop inventories at the end of 2002, the value of inventory change was not as negative in 2002, so total net income rose by more than realized net farm income, up by 24.3 percent from $559 million in 2001 to $695 million in 2002 or $33,100 per farm.

TABLE 11: Farm Income Summary, 1998-2002

	1998	1999	2000	2001[R]	2002[P]
	- thousand dollars -				
Crop Receipts	1,644,171	1,414,556	1,318,389	1,530,800	1,891,005
Livestock Receipts	1,225,404	1,328,531	1,568,921	1,778,400	1,717,475
Total Direct Payments	92,084	216,017	287,093	382,147	218,963
Total Cash Receipts	**2,961,659**	**2,959,104**	**3,174,403**	**3,691,347**	**3,827,443**
Net Operating Expenses	2,355,566	2,344,902	2,531,146	2,708,994	2,729,091
Net Cash Income	**606,093**	**614,202**	**643,257**	**982,353**	**1,098,352**
Income-In-Kind	8,882	9,597	9,069	9,240	8,959
Depreciation Charges	351,304	360,696	356,762	361,714	358,017
Realized Net Income	**263,671**	**263,103**	**295,564**	**629,879**	**749,294**
Value of Inventory Change	54,911	-35,942	182,556	-70,893	-54,297
TOTAL NET INCOME	**318,582**	**227,161**	**478,120**	**558,986**	**694,997**

SOURCE: Statistics Canada, May 27, 2003.

TABLE 12: Farm Capital Investment, 1998-2002

	1998	1999[R]	2000	2001[R]	2002[P]
	thousand dollars				
Land and Buildings	9,442,778	9,586,828	9,782,108	9,782,709	9,825,837
Machinery and Equipment	3,259,194	3,344,107	3,315,622	3,280,905	3,273,225
Livestock and Poultry	1,403,467	1,459,944	1,691,515	1,914,401	1,649,264
TOTAL	**14,105,439**	**14,390,879**	**14,789,245**	**14,978,015**	**14,748,326**

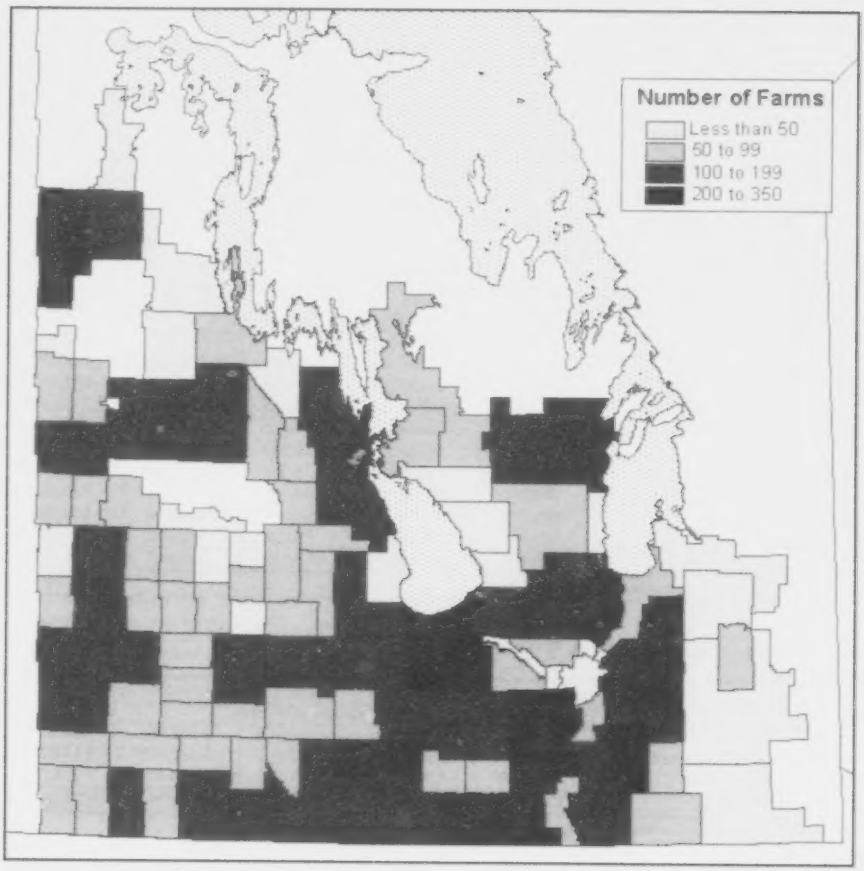
SOURCE: Statistics Canada, May 27, 2003.

TABLE 13: Farm Debt Outstanding, 1998-2002

	1998	1999	2000	2001[R]	2002[P]
	thousand dollars				
Chartered Banks[1]	1,264,650	1,537,437	1,455,926	1,487,569	1,663,416
Federal Government Agencies[2]	534,477	577,688	622,772	690,489	742,424
Provincial Government Agencies	211,917	248,807	261,926	274,206	271,054
Credit Unions	622,500	533,291	756,149	863,606	985,459
Insurance, Trust, Loan Companies	24,363	24,538	25,270	29,578	29,578
Advance Payment Programs	140,889	199,491	183,013	174,384	132,800
Private Individuals and Others[3]	336,441	378,987	430,024	414,922	433,295
TOTAL[4]	**3,135,237**	**3,500,239**	**3,735,080**	**3,934,754**	**4,258,026**

[1] Includes loans under F.I.L.A.
[2] Includes F.C.C., V.L.A. and F.B.D.B.
[3] Includes supply companies, dealers, stores and finance companies, and other unclassified sources.
[4] Totals may not add due to rounding.
SOURCE: Statistics Canada, May 27, 2003.

MAP 2: Farms With Over $50,000 in Farm Cash Receipts by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

TABLE 14: Manitoba Agricultural Credit Corporation and Bank Interest Rates by Month, 1996 – 2002

	1-Year Rate (%)						5-Year Mortgage Rate (%)					
	MACC			Bank			MACC			Bank		
	2000	2001	2002	2000	2001	2002	2000	2001	2002	2000	2001	2002
January	7.100	6.600	3.500	7.60	7.40	4.55	8.000	7.000	5.500	8.55	7.75	7.00
February	7.250	6.150	3.900	7.60	7.20	4.55	8.125	6.750	5.750	8.55	7.75	6.85
March	7.150	6.050	4.050	7.70	6.70	5.30	7.875	6.750	6.250	8.35	7.25	7.30
April	7.350	5.800	5.650	7.70	6.80	5.40	7.750	6.750	7.000	8.35	7.50	7.45
May	7.500	5.800	5.650	8.30	6.70	5.55	8.000	6.750	6.750	8.75	7.75	7.40
June	7.700	5.800	5.850	8.10	6.70	5.55	8.000	7.000	6.750	8.45	7.75	7.25
July	7.450	5.900	5.650	7.90	6.45	5.35	7.750	7.125	6.500	8.25	7.75	7.05
August	7.500	5.500	5.500	7.90	6.20	5.35	7.875	6.750	6.000	8.25	7.60	6.80
September	7.100	5.050	5.700	7.90	5.45	5.30	7.625	6.375	6.150	8.25	7.15	6.70
October	7.100	4.300	5.450	7.90	4.90	5.30	7.500	5.750	5.875	8.25	6.90	7.00
November	7.150	3.600	4.750	7.90	4.60	4.90	7.625	5.125	5.875	8.25	6.85	6.70
December	7.000	3.600	4.095	7.70	4.60	4.90	7.375	5.375	6.000	7.95	6.85	6.70
Year	**7.279**	**5.346**	**4.979**	**7.85**	**6.14**	**5.17**	**7.792**	**6.458**	**6.200**	**8.35**	**7.40**	**7.02**

	10-Year Rate (%)						Bank Prime Business Rate (%)					
	MACC											
	1996	1997	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002
January	8.250	7.500	6.875	6.625	8.250	7.250	6.750	6.00	6.75	6.50	7.25	3.75
February	8.125	7.375	6.875	6.500	8.375	7.125	6.750	6.50	6.75	6.75	7.25	3.75
March	8.500	7.375	7.000	7.000	7.875	7.000	7.000	6.50	6.75	7.00	6.75	3.75
April	8.750	7.875	6.875	6.625	7.750	7.125	7.875	6.50	6.50	7.00	6.50	4.00
May	8.875	7.750	6.875	6.875	8.000	7.250	7.625	6.50	6.25	7.50	6.25	4.00
June	8.875	7.500	6.750	7.250	8.000	7.500	7.375	6.50	6.25	7.50	6.25	4.25
July	8.750	7.250	6.875	7.250	7.750	7.625	7.250	6.50	6.25	7.50	6.00	4.50
August	8.625	6.875	7.000	7.500	7.875	7.250	6.875	6.50	6.25	7.50	5.75	4.50
September	8.500	7.000	7.250	7.625	7.625	7.000	6.875	7.25	6.25	7.50	5.25	4.50
October	8.000	6.750	6.625	7.625	7.625	6.750	6.750	7.00	6.25	7.50	4.50	4.50
November	7.125	6.750	6.750	7.875	7.750	6.250	6.750	6.75	6.50	7.50	4.00	4.50
December	6.875	7.000	6.500	7.875	7.500	6.500	6.875	6.75	6.50	7.50	4.00	4.50
Year	**8.271**	**7.250**	**6.854**	**7.219**	**7.865**	**7.052**	**7.063**	**6.60**	**6.44**	**7.27**	**5.81**	**4.21**

SOURCE: Manitoba Agricultural Credit Corporation, Bank of Canada Review.

TABLE 15: Canadian Exchange Rates by Month, 2001, 2002

Canadian dollars per	U.S. Dollar ($)		Euro		Japanese Yen (¥)		United Kingdom (pound)		Mexican Peso (P)	
	2001	2002	2001	2002	2001	2002	2001	2002	2001	2002
January	1.5032	1.6003	1.4099	1.4136	0.01287	0.01206	2.2213	2.2925	0.1538	0.1747
February	1.5218	1.5958	1.4008	1.3895	0.01310	0.01195	2.2101	2.2710	0.1567	0.1753
March	1.5585	1.5870	1.4154	1.3917	0.01283	0.01212	2.2511	2.2584	0.1624	0.1751
April	1.5575	1.5814	1.3906	1.4012	0.01259	0.01209	2.2354	2.2819	0.1670	0.1726
May	1.5415	1.5497	1.3482	1.4208	0.01267	0.01227	2.1980	2.2623	0.1684	0.1628
June	1.5244	1.5317	1.3004	1.4646	0.01246	0.01243	2.1377	2.2729	0.1678	0.1569
July	1.5304	1.5459	1.3186	1.5352	0.01229	0.01311	2.1648	2.4063	0.1669	0.1581
August	1.5402	1.5679	1.3900	1.5331	0.01271	0.01318	2.2153	2.4078	0.1687	0.1594
September	1.5677	1.5758	1.4295	1.5456	0.01322	0.01302	2.2957	2.4528	0.1663	0.1565
October	1.5712	1.5778	1.4222	1.5484	0.01294	0.01273	2.2789	2.4576	0.1683	0.1564
November	1.5924	1.5714	1.4138	1.5731	0.01300	0.01292	2.2845	2.4680	0.1727	0.1542
December	1.5775	1.5593	1.4070	1.5883	0.01238	0.01279	2.2732	2.4730	0.1722	0.1526
Year	**1.5489**	**1.5704**	**1.3872**	**1.4832**	**0.01275**	**0.01255**	**2.2298**	**2.3582**	**0.1659**	**0.1630**

SOURCE: Bank of Canada Review.

TABLE 16: Agri-Food Exports by Commodity Group & Selected Subgroups, 2001, 2002

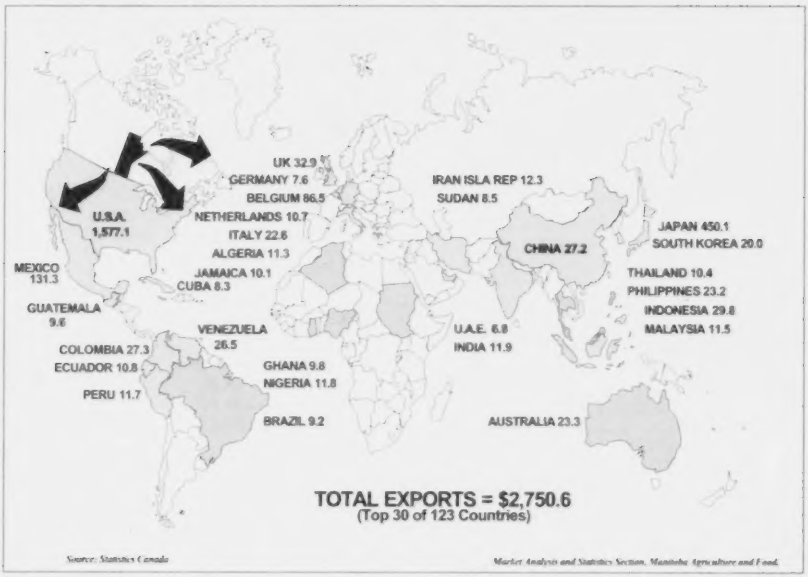
Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2001[R]	2002[P]	2001[R]	2002[P]
Live Animals	...	-	-	**528,342.1**	**542,338.3**
Horses	number	4,417.0	2,393.0	4,716.2	3,513.6
Cattle/Bison	number	215,120.0	262,829.0	255,614.4	271,658.8
Pigs	number	2,628,579.0	2,878,144.0	247,505.1	245,989.9
Sheep	number	27,241.0	28,855.0	4,630.9	5,517.0
Poultry	number	5,587,973.0	5,975,095.0	12,302.0	12,994.6
Other	...	-	-	3,573.5	2,664.4
Red Meats	**tonnes**	**176,974.7**	**201,311.9**	**524,051.3**	**495,837.6**
Beef, fresh/chilled	tonnes	416.6	230.0	1,693.8	1,425.5
Beef, frozen	tonnes	67.5	-	359.2	-
Pork, fresh/chilled	tonnes	75,597.0	90,098.1	270,853.8	262,657.9
Pork, frozen	tonnes	53,231.8	63,120.7	197,207.1	185,663.9
Processed beef	tonnes	6.0	-	32.1	-
Processed pork	tonnes	5,290.1	3,124.4	16,670.6	10,947.1
Edible animal offal	tonnes	32,361.1	34,941.2	32,540.5	30,504.9
Animal fat	tonnes	9,454.5	9,454.5	3,041.8	3,195.5
Other	tonnes	550.0	343.0	1,652.2	1,442.7
Poultry and Eggs	**tonnes**	**7,104.0**	**6,391.9**	**23,138.0**	**23,124.2**
Poultry, fresh/frozen	tonnes	2,942.3	1,876.0	2,963.1	1,304.6
Eggs/egg products	tonnes	2,911.4	3,313.2	10,417.3	14,044.1
Egg albumin	tonnes	1,250.3	1,202.7	9,757.6	7,775.5
Dairy Products	**tonnes**	**322.8**	**1,724.5**	**1,138.0**	**3,920.2**
Milk powder	tonnes	217.0	1,685.8	608.6	3,372.7
Butter	tonnes	-	-	0.0	-
Other	tonnes	105.8	38.7	529.4	547.5
Honey	**tonnes**	**6,698.0**	**8,750.3**	**17,746.5**	**33,011.1**
Other Animal Products	...	-	-	**7,500.5**	**7,094.9**
Animal semen	...	-	-	636.8	145.7
Skins & hides	number	8,012.0	14,330.0	391.6	404.1
Raw furskins	number	22,591.0	18,976.0	571.0	318.5
Feathers	tonnes	28.2	4.9	323.8	96.0
Beeswax	tonnes	177.0	208.9	874.2	846.8
Other	...	-	-	4,703.2	5,283.9
Grains	**tonnes**	**4,108,646.2**	**2,438,314.8**	**870,117.4**	**608,682.6**
Durum wheat	tonnes	59,820.0	64,652.0	16,468.9	18,675.0
Wheat (excl durum)	tonnes	3,157,616.0	1,872,140.0	673,942.9	449,833.0
Barley	tonnes	259,182.0	121,000.0	57,701.5	28,373.3
Oats	tonnes	547,462.8	317,989.9	92,645.5	76,663.0
Grain corn	tonnes	68.8	11.8	69.7	32.8
Rye	tonnes	34,813.0	23,948.0	6,179.2	5,457.4
Buckwheat	tonnes	3,548.5	2,469.1	1,659.4	1,007.9
Canary seed	tonnes	43,195.4	32,533.3	19,304.5	26,000.2
Other	tonnes	2,939.8	3,570.6	2,145.8	2,639.9
Grain Products	**tonnes**	**126,285.3**	**149,473.8**	**85,675.0**	**92,717.2**
Grain flours	tonnes	5,032.6	6,324.4	4,237.1	4,963.4
Pulse flours	tonnes	319.1	509.4	389.6	771.9
Oat groats, flakes & meal	tonnes	55,613.4	88,007.1	39,930.6	51,360.1
Malt	tonnes	57,394.0	42,123.0	28,080.2	21,131.5
Other, semi-processed	tonnes	799.2	4,935.4	296.4	1,648.2
Processed grain products	tonnes	4,055.2	4,186.7	11,007.2	11,101.0
Starches	tonnes	3,071.8	3,387.8	1,734.0	1,741.0

TABLE 16: Agri-Food Exports Continued

Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2001[R]	2002[P]	2001[R]	2002[P]
Oilseeds	**tonnes**	**1,203,657.4**	**887,658.6**	**400,929.5**	**367,871.4**
Flaxseed	tonnes	208,739.3	217,664.2	66,389.8	87,237.4
Canola	tonnes	874,015.8	509,736.3	281,732.4	205,501.5
Sunflowerseed	tonnes	73,893.2	86,144.7	32,091.5	44,486.8
Mustard seed	tonnes	37,909.5	28,363.9	17,079.4	14,544.1
Soybeans	tonnes	8,321.5	42,662.2	2,825.8	13,636.1
Other	tonnes	778.1	3,087.4	810.7	2,465.5
Oilseed Products	**tonnes**	**342,610.5**	**365,194.9**	**140,236.5**	**170,341.2**
Canola oil	tonnes	171,555.5	175,621.5	109,595.6	131,876.2
Other oils	tonnes	3,190.4	4,647.9	2,688.9	4,646.1
Hydrogenated veg oil	tonnes	3.6	232.2	5.3	168.9
Canola oilcake/meal	tonnes	158,921.1	173,123.7	25,251.2	30,207.1
Other oilcake/meal	tonnes	6,403.2	9,078.4	1,095.9	1,525.3
Other semi-processed	tonnes	2,536.7	2,491.2	1,599.6	1,917.5
Animal Feeds	**tonnes**	**81,691.6**	**98,106.7**	**22,557.9**	**40,245.2**
Forage products	tonnes	57,018.7	66,945.1	12,231.9	18,209.1
Cereal brans/residues	tonnes	8,366.6	10,702.2	3,342.2	13,525.7
Pet food	tonnes	481.2	126.4	268.8	179.3
Feed preparations	tonnes	15,825.1	20,333.0	5,833.8	7,428.7
Other	tonnes	-	-	881.2	902.4
Fruit and Nuts	...	-	-	**55.9**	**235.0**
Vegetables and Legumes	**tonnes**	**640,855.8**	**456,199.1**	**307,004.0**	**310,316.1**
Potatoes, fresh	tonnes	24,069.0	20,313.0	6,100.8	8,178.0
Onions & shallots, fresh	tonnes	2,304.1	2,249.9	2,651.9	2,409.9
Carrots/rutabagas, fresh	tonnes	555.2	126.8	238.5	67.7
Cauliflower & broccoli, fresh	tonnes	135.4	32.3	143.1	34.1
Cabbages	tonnes	418.1	144.2	149.4	62.4
Other fresh vegetables	tonnes	868.5	214.2	473.2	221.3
Frozen vegetables	tonnes	43.4	7.3	26.2	5.8
Peas, dried	tonnes	311,826.3	103,469.1	68,170.2	38,256.5
Beans, dried	tonnes	102,182.2	114,878.6	68,596.2	82,187.0
Lentils, dried	tonnes	36,502.1	31,373.6	17,981.4	17,608.7
Other dried vegetables	tonnes	427.3	7.3	207.7	5.9
Processed potatoes	tonnes	161,311.4	182,383.0	141,884.5	161,075.5
Other proc. vegetables	tonnes	212.8	999.7	380.9	203.2
Seeds for Sowing	**tonnes**	**25,110.4**	**26,408.0**	**37,803.8**	**34,606.5**
Forage seeds	tonnes	19,942.7	17,522.5	36,085.2	31,133.8
Seed potatoes	tonnes	5,116.0	8,878.0	1,683.0	3,448.4
Other (excl potatoes)	tonnes	51.7	7.6	35.6	24.3
Vegetable Fibres	**tonnes**	**46,726.8**	**22,035.6**	**21,138.7**	**11,063.6**
Flax	tonnes	46,726.8	22,035.6	21,138.7	11,063.6
Other	tonnes	-	-	0.0	-
Floriculture and Nursery	...	-	-	**1,211.9**	**993.8**
Sugar and Confectionery	**tonnes**	**523.5**	**449.3**	**2,148.4**	**1,458.1**
Other sugar products	tonnes	60.6	60.0	195.3	236.1
Sugar confectionery	tonnes	462.9	389.3	1,953.1	1,222.0
Coffee and Spices	**tonnes**	**1,915.0**	**1,142.6**	**2,188.0**	**1,420.5**
Coffee, roasted	tonnes	-	-	0.0	-
Coriander seeds	tonnes	1,268.6	710.4	1,111.2	647.4
Caraway seeds	tonnes	646.4	425.8	1,076.8	763.0
Other	tonnes	-	6.4	0.0	10.1
Other Edible Preparations	**tonnes**	**412.8**	**1,497.0**	**860.5**	**2,959.9**
Protein concentrates	tonnes	37.8	475.5	84.0	1,450.1
Sauces & condiments	tonnes	2.4	15.4	29.8	72.4
Mustard flour, etc.	tonnes	93.0	34.0	127.7	50.1
Fruit & nut preparations	tonnes	191.3	766.2	361.3	966.7
Other food preparations	tonnes	88.4	205.9	257.6	420.5
Beverages	**kilitres**	-	-	**3,963.6**	**1,458.4**
Other Agri-food Products	...	-	-	**1,337.7**	**860.0**
TOTAL	...	-	-	**2,999,145.1**	**2,750,556.0**

NOTE: Totals may not add due to rounding.
SOURCE: Statistics Canada, International Trade Division, Agriculture & Agri-Food Canada, May, 2003.

MAP 3: Manitoba Agri-Food Exports, 2002, $ Million



MAP 4: Manitoba Agri-Food Imports, 2002, $ Million

Note: Excludes Canadian re-imports.

TABLE 17: Agri-Food Imports by Commodity Group & Selected Subgroups, 2001, 2002

Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2001[R]	2002[P]	2001[R]	2002[P]
Live Animals	**number**	**-**	**-**	**7,709.8**	**5,214.3**
Horses	number	233.0	722.0	1,164.5	1,446.7
Cattle	number	2,918.0	176.0	2,597.3	565.0
Pigs	number	885.0	671.0	330.6	425.7
Poultry	...	-	-	3,179.9	2,204.0
Other	...	-	-	437.6	572.9
Red Meats	**tonnes**	**13,243.1**	**14,645.7**	**47,790.8**	**55,859.3**
Beef	tonnes	1,202.9	1,006.2	4,939.9	4,087.1
Pork	tonnes	5,189.3	7,215.6	15,544.9	23,685.1
Lamb	tonnes	0.4	-	5.0	-
Processed beef	tonnes	1,173.5	1,560.7	7,646.5	10,623.3
Processed pork	tonnes	3,997.9	3,347.0	17,586.6	15,487.6
Edible animal offal, prod.	tonnes	699.0	428.9	1,049.2	715.9
Animal fat	tonnes	980.1	1,087.2	1,018.7	1,260.3
Poultry and Eggs	**tonnes**	**8,876.4**	**9,495.4**	**26,017.9**	**25,225.5**
Poultry meat	tonnes	1,745.3	2,030.9	7,125.5	6,828.8
Processed poultry	tonnes	820.9	1,076.4	4,865.1	6,955.3
Eggs/egg products	tonnes	4,902.1	4,667.8	12,547.1	9,569.1
Egg albumin	tonnes	1,408.1	1,720.3	1,480.3	1,872.3
Dairy Products	**tonnes**	**531.8**	**270.8**	**11,924.1**	**12,870.6**
Cheese	tonnes	531.8	270.8	3,545.1	2,160.1
Other	tonnes	-	-	8,379.0	10,710.5
Honey	**tonnes**	**28.8**	**55.2**	**65.8**	**184.9**
Other Animal Products	**...**	**-**	**-**	**17,817.5**	**21,953.7**
Skins & hides	number	-	-	9,539.2	12,110.7
Raw furskins	number	411,839.0	355,606.0	7,806.8	8,779.0
Wool	tonnes	1.3	2.0	5.0	13.0
Other	...	66.9	124.2	466.5	1,051.0
Grains (unprocessed)	**tonnes**	**302,311.9**	**969,851.3**	**41,909.5**	**140,564.6**
Corn	tonnes	283,105.0	948,870.0	35,884.1	134,459.1
Rice	tonnes	3,641.3	2,796.0	2,064.0	1,722.3
Barley	tonnes	2,382.0	2,474.0	427.6	561.7
Millet	tonnes	4,322.6	2,518.5	1,605.1	1,160.3
Other	tonnes	8,861.1	13,192.8	1,928.6	2,661.3
Grain Products	**tonnes**	**24,916.6**	**29,853.7**	**44,953.6**	**54,477.4**
Corn Meal	tonnes	0.5	0.8	156.9	242.5
Other, semi-processed	tonnes	2,661.9	2,952.8	3,571.9	3,949.0
Doughs, mixes	tonnes	7,986.7	8,882.4	14,729.0	16,566.2
Cereals	tonnes	5,002.7	6,822.3	7,009.8	11,552.3
Pasta	tonnes	2,545.2	4,367.5	4,934.5	7,759.5
Biscuits, wafers, etc.	tonnes	1,686.3	1,586.6	5,596.4	5,006.4
Other Processed	tonnes	5,033.4	5,241.1	8,955.1	9,401.6
Oilseeds	**tonnes**	**151,649.9**	**214,505.6**	**63,234.3**	**92,618.2**
Canola seed	tonnes	133,762.9	187,791.3	46,528.6	70,392.0
Sunflowerseed	tonnes	13,450.4	18,963.0	8,446.8	13,524.1
Other	tonnes	4,436.6	7,751.3	8,259.0	8,702.1
Oilseed Products	**tonnes**	**33,309.3**	**43,139.9**	**26,478.6**	**28,900.1**
Animal Feeds	**tonnes**	**250,038.9**	**280,923.2**	**112,552.0**	**128,372.9**
Soybean oilcake, etc	tonnes	229,805.5	255,292.7	66,809.7	76,072.9
Pet food	tonnes	8,757.7	11,198.9	13,943.6	18,113.5
Other	tonnes	11,475.7	14,431.5	31,798.7	34,186.5
Fruit and Nuts	**...**	**58,899.6**	**58,022.3**	**62,248.6**	**60,499.0**
Fruit, fresh or dried	tonnes	50,098.5	50,626.0	50,022.2	48,920.8
Processed fruit	...	8,038.0	6,659.5	9,428.4	8,597.6
Nuts, fresh or processed	tonnes	763.2	736.8	2,798.0	2,980.6

TABLE 17: Agri-Food Imports Continued

Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2001[R]	2002[P]	2001[R]	2002[P]
Vegetables and Legumes	**tonnes**	**55,007.8**	**57,613.3**	**62,723.2**	**75,750.3**
Fresh vegetables	tonnes	36,452.0	35,588.4	43,242.8	54,067.4
Frozen vegetables	tonnes	316.6	89.1	397.9	121.5
Processed vegetables	tonnes	9,331.2	14,187.0	13,191.1	15,185.8
Legumes, dried	tonnes	8,908.0	7,748.8	5,891.4	6,375.6
Seeds for Sowing	**tonnes**	**1,592.0**	**1,571.6**	**5,601.8**	**5,183.1**
Forage and grass seeds	tonnes	1,529.7	1,495.6	3,849.4	3,781.4
Other	tonnes	62.3	76.0	1,752.5	1,401.7
Floriculture and Nursery	...	-	-	**19,340.2**	**22,912.1**
Cut flowers	...	-	-	13,819.9	17,735.5
Other	...	-	-	5,520.3	5,176.5
Sugar and Confectionery	**tonnes**	**36,102.0**	**37,688.7**	**30,378.3**	**29,367.5**
Refined sugar	tonnes	0.3	0.1	176.1	34.5
Sugar confectionery	tonnes	5,985.8	6,199.8	19,528.0	19,471.6
Other sugar products	tonnes	30,115.9	31,488.9	10,674.1	9,861.4
Coffee, Tea and Spices	**tonnes**	**1,726.1**	**1,462.4**	**7,814.5**	**6,638.4**
Coffee	tonnes	749.6	608.3	3,375.0	2,801.8
Tea	tonnes	493.0	410.1	2,193.6	1,817.5
Spices	tonnes	483.4	444.0	2,245.9	2,019.1
Other Edible Products	**tonnes**	**2,225.7**	**2,466.6**	**77,700.0**	**85,967.3**
Cocoa & chocolate	tonnes	2,225.7	2,466.6	9,188.0	9,967.6
Other processed foods	tonnes	-	-	68,512.0	75,999.7
Beverages	**klitres**	-	-	**36,200.0**	**39,146.8**
Non-alcoholic	klitres	8,558.3	5,573.6	9,122.3	5,553.0
Wines	klitres	-	-	12,202.6	15,119.4
Other alcoholic	klitres	-	-	14,875.1	18,474.4
Other Non-edible Ag.Products	...	-	-	**33,914.0**	**49,583.3**
Tobacco products	...	-	-	196.5	364.0
Essential oils	tonnes	6.6	9.7	179.8	204.1
Cotton, semi-processed	tonnes	515.5	0.8	309.0	0.9
Other vegetable fibres	tonnes	793.1	1,049.3	1,271.1	1,390.5
Beeswax	tonnes	159.4	135.9	461.6	365.6
Other	...	-	-	31,495.9	47,258.2
TOTAL*	...	-	-	**736,374.4**	**941,289.4**

NOTE: Import data do not usually include products imported by other provinces and sold in Manitoba e.g. lamb/mutton.
* Includes Canadian re-imports.
SOURCE: Statistics Canada, International Trade Division, Agriculture & Agri-Food Canada, May, 2003.

CHART 8: Total Value of Manitoba Agri-Food Trade, World and United States, 1993- 2002

NOTE: World trade imports includes Canadian re-imports.
SOURCE: Statistics Canada, International Trade Div., Agriculture & Agri-Food Canada.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

CROP PRODUCTION

GENERAL CONDITIONS & CROP PROGRESS

April/May – Warm temperatures resulted in the first fields being seeding in mid-April prior to late-spring snowfall and a return to cooler temperatures. Seeding began across Manitoba by about May 1, 2002. By mid-May, more than 25 percent of the crops had been seeded in western Manitoba but wet fields kept planting to about 5 percent in the Eastern Region, with little progress in all but the southernmost Interlake. By the end of May, cereal and oilseed planting had reached 85-95 percent, along with about 80 percent of the dry beans, about 60 percent of the soybeans, and 25 percent of the buckwheat. Cool, dry weather, spring frosts, and high winds slowed pasture growth, damaged winter wheat, canola and other early-seeded crops, and required supplemental feeding of livestock. Much of the winter wheat in the Southwest Region required reseeding. Summerfallow was reduced to an estimated 121,400 hectares (300,000 acres) (compared to 263,000 hectares, 650,000 acres in 2001, and 151,800 hectares, 375,000 acres in 2000).

June – Seeding was virtually complete across the province by June 1, with the exception of some late forages and greenfeed. Dry and cool growing weather to early June kept crop development slow. Fall rye was in head or close to heading by June 10th, while winter wheat in the Eastern Region was only tillering. Temperatures remained mostly cool, but precipitation improved soil moisture from drought or near-drought to "good" levels by the second week of June in most areas. Excess moisture in much of southern Manitoba, the southern Interlake, and on heavy clay soils in the Eastern Region resulted in ponding and drown-out of new-crop growth, particularly in low spots. By the end of June, most cereal crops were developing reasonably well, canola was into rosette, and some winter wheat was in early heading stages in the Southwest Region.

July - July weather turned hot and humid, except in the Northwest, which grew increasingly dry. By mid-July, most crops, including beans and sunflowers, were flowering, cereals were headed, early canola was podding, corn was tasselling, and fall rye and winter wheat had started to ripen. Fungicide applications on cereals and canola had begun. By month-end, some blossom drop or heat blasting was being reported in canola, along with some premature dry-down on immature crops. Low hay yields and hay shortages were reported, along with grasshopper problems, particularly in central and western areas.

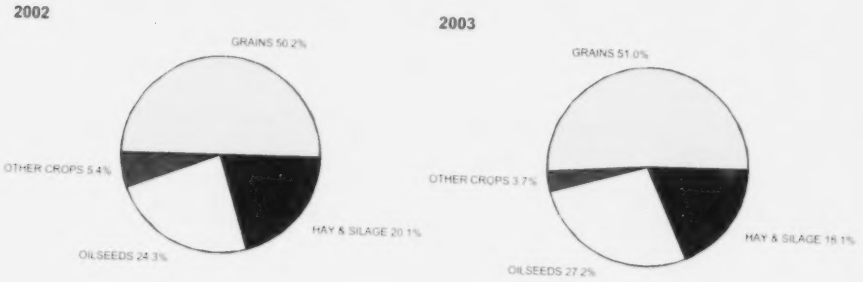
August - The harvest of winter wheat, rye and dry peas had begun by the first week of August. Swathing of early-spring sown cereals had begun, as in 2001, but combining was not widespread until about the third week of August. Canola ripened unevenly and some swathing began in early August. Hot, dry conditions caused crops to mature quickly, but reduced yields. By mid-August, harvesting activity was widespread, but rains had begun to slow progress and reduce crop quality. Moisture improved pastures; there was some baling of straw to supplement hay supplies. By the end of August, more than 30 percent of the cereals in the province were harvested and about 30 percent of the canola swathed. Much of the early-harvested wheat was reportedly downgraded to #2.

September/November - Intermittent rains interrupted harvesting into mid-September, but there had been considerable progress, nevertheless. By the end of September, the cereal harvest was virtually complete. Harvesting of oilseeds and most specialty crops continued well into October.

Manitoba's 2002 **crop quality** was generally improved over 2001. The average protein level in Spring Wheat was an estimated 14.7 percent over all grades, according to the CGC post-harvest survey. Manitoba's #1CWRS averaged 15.1 percent protein, with #2 at 14.9 percent, and #3 at 14.6 percent (at 13.5 percent moisture). Manitoba grew only 20,200 hectares (50,000 acres) of Durum wheat in 2002. The average protein content for Manitoba-grown, dry yellow peas was 25.4 percent, with #1CW at 26.5 percent. Newer 2-Row malting barley varieties accounted for an increased share of barley plantings, with about 42 percent in 2002 (20 percent in 2001); about 56 percent was 6-Row (75 percent), and about 2.2 percent hulless 2 and 6-Row (5 percent), according to the CWB. The province's oat plantings were about 88 percent new or numbered, very high yielding varieties (85 percent in 2001, 54 percent in 1999); about 69 percent were tan (60 percent in 2002) and 28 percent (37 percent) white oat varieties, according to the annual MCIC variety survey. Chlorophyll levels in Manitoba canola were relatively low in 2002, averaging 12 mg/kg (18 in 2001). Approximately 88 percent of the Manitoba canola samples tested by the CGC graded No.1 Canada (65 percent in 2001, 87 percent in 2000), with an average of 42.5 percent oil and 23 percent protein (42.6 percent oil and 22.1 percent protein in 2001), with another 9.2 percent (30 percent) grading No.2. About 90 percent of the brown or general-purpose flaxseed plantings were newer, higher-yielding varieties. Brown flaxseed averaged about 45.7 percent oil and 23.7 percent protein (44.3 percent and 23.4 percent in 2001), with the oil containing 58.1 percent linolenic (56.4 percent). About 11.3 percent of the total 2002 flaxseed plantings were yellow-seeded linola or solin varieties.

Fusarium Head Blight (FHB) caused severe downgrading and loss of market returns in wheat, barley and oats; however, it appears the level or severity was reduced from 2001. FHB was spread much more widely across Manitoba in 2002, reducing yields because of shrunken kernels. Only 25-35 percent of the province's 2002 wheat and barley area may have been totally fusarium-free. The CGC estimated that about 74 percent of the Manitoba wheat it sampled in 2002 had some degree of FHB (69 percent in 2001, 61 percent in 2000, 40.5 percent in 1999).

CHART 9: Area of Crops Planted, 2002, 2003



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 18: Number of Days Required for Selected Crops to Reach Maturity

Crop	Days to Maturity	Crop	Days to Maturity
Barley	60 – 90	Fababeans	105 – 115
Beans:		Field Peas	90 – 100
Black	95 – 105	Flax	85 – 100
Kidney and cranberry	100 – 114	Lentils	85 – 100
Navy and pinto	90 – 100	Mustard:	
Buckwheat	80 – 90	Brown or Oriental	85 – 95
Canary Grass Seed	95 – 105	Yellow	80 – 90
Canola:		Oats	85 – 88
- early Polish	73 – 83	Potatoes	110 – 140
- late Argentine	92 – 102	Sugar Beets	120 – 140
Coriander	90 – 100	Sunflowers	120 – 130
Corn (Grain)	110 – 120	Spring Wheat	90 – 100

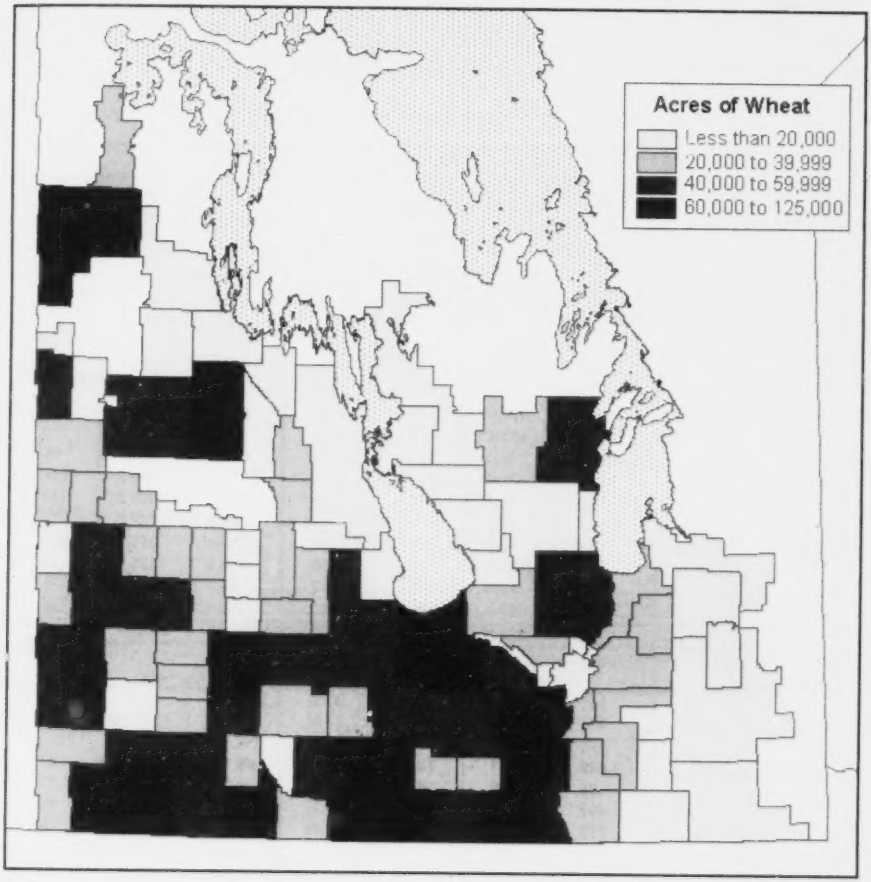
SOURCE: Agrometeorological Centre of Excellence (http://www.gov.mb.ca/agriculture/climate).

TABLE 19: Base Temperature for Selected Crops and Insects

Crops	Base Temperature* (°C)	Insects	Base Temperature* (°C)
Canola	5.0	Cabbage Maggot	6.0
Corn and Beans	10.0	General Insect Development, House flies	15.0
Forages	5.0	Grasshoppers, Corn Borers	10.0
General Plant Growth	5.0	Variegated Cutworm	7.0
Lettuce	4.4		
Peas and Asparagus	5.5		
Potatoes	7.0		
Pumpkins and Tomatoes	13.0		
Spinach	2.2		
Wheat	4.7		

* Minimum temperature required for growth and development.
SOURCE: Agrometeorological Centre of Excellence (http://www.gov.mb.ca/agriculture/climate).

MAP 5: Wheat Acres by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

WHEAT

About 1,375,900 hectares of wheat (3,400,000 acres) were harvested in 2002. Total production was estimated at 3,355,200 tonnes (123,280,000 bushels), a decrease of 2 percent from the 2001 level. The 2002 wheat crop had an estimated value of production of $521.0 million, a 6.7 percent decrease from the revised 2001 value of $488.1 million. The area harvested, average yields and total production for 2001 and 2002 are shown below.

TABLE 20: Area, Yield and Production of All Wheat, 2001[R], 2002[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	219.0	175.6	2.33	2.03	509.3	355.8	70
2	186.5	178.4	2.24	2.26	418.5	402.9	96
3	171.6	152.4	2.24	2.53	383.8	385.6	100
Southwest	**577.0**	**506.4**	**2.27**	**2.26**	**1,311.6**	**1,144.3**	**87**
4	67.8	49.3	2.61	2.56	177.0	126.0	71
5	83.8	95.8	2.81	2.29	235.6	219.6	93
6	112.0	112.3	2.36	2.54	263.8	285.0	108
Northwest	**263.6**	**257.4**	**2.57**	**2.45**	**676.4**	**630.6**	**93**
7	225.3	183.4	1.90	2.74	427.0	502.1	118
8	275.6	238.0	2.39	2.62	659.7	624.6	95
Central	**500.9**	**421.4**	**2.17**	**2.67**	**1,086.8**	**1,126.7**	**104**
9	101.4	87.5	1.27	2.32	128.6	203.2	158
10	14.7	6.2	1.51	2.04	22.2	12.6	57
Eastern	**116.1**	**93.7**	**1.30**	**2.30**	**150.8**	**215.8**	**143**
11	73.5	50.6	1.58	2.48	115.8	125.3	108
12	51.2	46.5	1.74	2.42	89.2	112.4	126
Interlake	**124.6**	**97.1**	**1.64**	**2.45**	**205.0**	**237.7**	**116**
Province	**1,582.2**	**1,375.9**	**2.20**	**2.44**	**3,430.6**	**3,355.2**	**98**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	541	434	34.6	30.1	18,710	13,070	70
2	461	441	33.4	33.6	15,380	14,800	96
3	424	377	33.3	37.6	14,100	14,170	100
Southwest	**1,426**	**1,251**	**33.8**	**33.6**	**48,190**	**42,040**	**87**
4	168	122	38.8	38.0	6,500	4,630	71
5	207	237	41.8	34.1	8,660	8,070	93
6	277	278	35.0	37.7	9,690	10,470	108
Northwest	**651**	**636**	**38.1**	**36.4**	**24,850**	**23,170**	**93**
7	557	453	28.2	40.7	15,690	18,450	118
8	681	588	35.6	39.0	24,240	22,950	95
Central	**1,238**	**1,041**	**32.3**	**39.8**	**39,930**	**41,400**	**104**
9	251	216	18.8	34.5	4,720	7,470	158
10	36	15	22.5	30.1	820	460	57
Eastern	**287**	**232**	**19.3**	**34.2**	**5,540**	**7,930**	**143**
11	182	125	23.4	36.8	4,250	4,600	108
12	126	115	25.9	35.9	3,280	4,130	126
Interlake	**308**	**240**	**24.4**	**36.4**	**7,530**	**8,730**	**116**
Province	**3,910**	**3,400**	**32.2**	**36.3**	**126,050**	**123,280**	**98**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

Durum Wheat

Durum wheat is included with total wheat production statistics. In 2002, the harvested area was estimated at 20,200 hectares (50,000 acres), same as the 2001 level. The average yield was 2,000 kilograms per hectare (29 bushels per acre) compared to 2,100 kilograms (31 bushels) in 2001. Total production was estimated at 39,500 tonnes (1,450,000 bushels), 94 percent of the 2001 level.

TABLE 21: Area, Yield and Production of Durum Wheat, 2001[R], 2002[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	9.4	9.6	2.00	1.42	18.8	13.6	72
2	4.3	9.1	2.18	2.49	9.4	22.6	241
3	1.4	0.9	2.28	2.41	3.3	2.2	67
Southwest	**15.1**	**19.6**	**2.09**	**1.96**	**31.4**	**38.4**	**122**
4	0.3	0.0	1.94	0.00	0.5	0.0	0
5	0.1	0.3	0.00	0.00	0.5	0.5	100
6	1.3	0.0	2.48	0.00	3.3	0.0	0
Northwest	**1.7**	**0.3**	**2.50**	**1.58**	**4.4**	**0.5**	**13**
7	1.5	0.1	1.68	0.00	2.4	0.0	0
8	0.9	0.2	2.71	2.22	2.4	0.5	22
Central	**2.4**	**0.3**	**2.07**	**1.69**	**4.9**	**0.5**	**11**
9	0.1	0.0	1.77	0.00	0.1	0.0	0
10	0.3	0.0	1.80	0.00	0.5	0.0	0
Eastern	**0.4**	**0.0**	**1.79**	**0.00**	**0.7**	**0.0**	**0**
11	0.4	0.0	1.26	0.00	0.5	0.0	0
12	0.2	0.0	1.50	0.00	0.3	0.0	0
Interlake	**0.6**	**0.0**	**1.33**	**0.00**	**0.8**	**0.0**	**0**
Province	**20.2**	**20.2**	**2.10**	**2.00**	**42.2**	**39.5**	**94**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
1	23.2	23.7	29.7	21.1	690	500	72
2	10.7	22.4	32.4	37.1	345	830	241
3	3.5	2.2	33.9	35.8	120	80	67
Southwest	**37.4**	**48.4**	**30.9**	**29.2**	**1,155**	**1,410**	**122**
4	0.7	0.0	28.9	0.0	20	0	0
5	0.4	0.8	0.0	23.6	20	20	100
6	3.2	0.0	0.0	0.0	120	0	0
Northwest	**4.3**	**0.8**	**37.2**	**23.6**	**160**	**20**	**13**
7	3.6	0.2	25.0	0.0	90	0	0
8	2.2	0.6	40.3	33.0	90	20	22
Central	**5.8**	**0.8**	**30.8**	**25.2**	**180**	**20**	**11**
9	0.2	0.0	18.0	0.0	5	0	0
10	0.7	0.0	26.8	0.0	20	0	0
Eastern	**0.9**	**0.0**	**26.7**	**0.0**	**25**	**0**	**0**
11	1.1	0.0	18.7	0.0	20	0	0
12	0.4	0.0	22.3	0.0	10	0	0
Interlake	**1.5**	**0.0**	**19.8**	**0.0**	**30**	**0**	**0**
Province	**50.0**	**50.0**	**31.0**	**29.0**	**1,550**	**1,450**	**94**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 22: Area, Yield and Production of Spring Wheat, 2001[R], 2002[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	188.2	159.9	2.21	2.04	416.7	326.9	78
2	167.9	155.8	2.16	2.20	362.5	342.4	94
3	163.9	143.7	2.20	2.47	359.8	355.2	99
Southwest	**520.0**	**459.3**	**2.19**	**2.23**	**1,139.0**	**1,024.5**	**90**
4	66.8	48.6	2.60	2.54	173.9	123.6	71
5	83.0	93.1	2.80	2.28	232.4	212.6	91
6	109.3	109.3	2.34	2.53	255.8	276.5	108
Northwest	**259.0**	**250.9**	**2.56**	**2.44**	**662.1**	**612.6**	**93**
7	210.4	167.9	1.78	2.63	375.2	441.2	118
8	265.0	226.5	2.35	2.57	621.6	581.3	94
Central	**475.5**	**394.6**	**2.10**	**2.59**	**996.8**	**1,022.5**	**103**
9	99.2	76.9	1.25	2.19	123.6	168.5	136
10	14.2	6.1	1.52	2.02	21.5	12.2	57
Eastern	**113.3**	**83.0**	**1.28**	**2.18**	**145.1**	**180.7**	**125**
11	70.8	48.6	1.51	2.42	106.7	117.3	110
12	50.6	44.5	1.73	2.36	87.6	105.1	120
Interlake	**121.4**	**93.1**	**1.60**	**2.39**	**194.3**	**222.3**	**114**
Province	**1,489.2**	**1,280.8**	**2.10**	**2.40**	**3,137.3**	**3,062.6**	**98**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	465	395	32.9	30.4	15,310	12,010	78
2	415	385	32.1	32.7	13,320	12,580	94
3	405	355	32.6	36.8	13,220	13,050	99
Southwest	**1,285**	**1,135**	**32.6**	**33.2**	**41,850**	**37,640**	**90**
4	165	120	38.7	37.8	6,390	4,540	71
5	205	230	41.7	34.0	8,540	7,810	91
6	270	270	34.8	37.6	9,400	10,160	108
Northwest	**640**	**620**	**38.0**	**36.3**	**24,330**	**22,510**	**93**
7	520	415	26.5	39.1	13,785	16,210	118
8	655	560	34.9	38.1	22,840	21,360	94
Central	**1,175**	**975**	**31.2**	**38.5**	**36,625**	**37,570**	**103**
9	245	190	18.5	31.0	4,540	6,190	136
10	35	15	22.6	28.5	790	450	57
Eastern	**280**	**205**	**19.0**	**32.4**	**5,330**	**6,640**	**125**
11	175	120	22.4	35.9	3,920	4,310	110
12	125	110	25.8	35.1	3,220	3,860	120
Interlake	**300**	**230**	**23.8**	**35.5**	**7,140**	**8,170**	**114**
Province	**3,680**	**3,165**	**31.3**	**35.6**	**115,275**	**112,530**	**98**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 23: Area, Yield and Production of Winter Wheat, 2001[R], 2002[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	21.3	6.2	3.46	2.46	73.9	15.3	21
2	14.2	13.5	3.27	2.81	46.6	37.9	81
3	6.2	7.8	3.33	3.63	20.7	28.3	136
Southwest	**41.8**	**27.5**	**3.38**	**2.97**	**141.2**	**81.6**	**58**
4	0.7	0.7	3.42	3.49	2.5	2.4	96
5	0.7	2.4	3.61	2.73	2.6	6.5	247
6	1.4	3.1	3.28	2.78	4.7	8.5	180
Northwest	**2.9**	**6.1**	**3.40**	**2.84**	**9.9**	**17.4**	**176**
7	13.4	15.3	3.70	3.97	49.4	61.0	123
8	9.6	11.1	3.70	3.84	35.7	42.7	120
Central	**23.0**	**26.5**	**3.70**	**3.92**	**85.1**	**103.7**	**122**
9	2.2	10.6	2.23	3.26	4.9	34.7	713
10	0.3	0.1	0.54	3.21	0.1	0.4	259
Eastern	**2.5**	**10.8**	**2.04**	**3.26**	**5.0**	**35.1**	**700**
11	2.2	2.0	3.82	3.98	8.5	8.0	94
12	0.4	2.0	3.34	3.68	1.3	7.3	563
Interlake	**2.6**	**4.0**	**3.75**	**3.83**	**9.8**	**15.3**	**156**
Province	**72.8**	**74.9**	**3.40**	**3.40**	**251.1**	**253.1**	**101**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
1	52.8	15.4	51.4	36.6	2,714	563	21
2	35.2	33.3	48.6	41.8	1,712	1,394	81
3	15.4	19.3	49.5	54.0	762	1,040	136
Southwest	**103.4**	**67.9**	**50.2**	**44.1**	**5,189**	**2,997**	**58**
4	1.8	1.7	50.9	52.0	93	89	96
5	1.8	5.9	53.7	40.5	96	237	247
6	3.6	7.6	48.8	41.3	174	313	180
Northwest	**7.2**	**15.1**	**50.5**	**42.2**	**362**	**639**	**176**
7	33.0	37.9	55.0	59.1	1,816	2,240	123
8	23.8	27.5	55.1	57.1	1,311	1,570	120
Central	**56.9**	**65.4**	**55.0**	**58.2**	**3,128**	**3,810**	**122**
9	5.4	26.3	33.2	48.5	179	1,276	713
10	0.7	0.3	8.0	47.7	5	14	259
Eastern	**6.1**	**26.6**	**30.4**	**48.5**	**184**	**1,290**	**700**
11	5.5	5.0	56.9	59.1	313	295	94
12	1.0	4.9	49.6	54.7	48	269	563
Interlake	**6.5**	**9.9**	**55.8**	**56.9**	**361**	**564**	**156**
Province	**180.0**	**185.0**	**51.3**	**50.3**	**9,225**	**9,300**	**101**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

OATS

Total production of oats for grain in 2002 increased to 1,017,900 tonnes (66 million bushels) with a total farm value of $180.4 million, up by 31 percent from the value of $137.5 million in 2001. This does not include the value of the oats cut for hay or silage. In 2002, about 60,700 hectares (150,000 acres) of oats were planted and cut for hay or silage.

TABLE 24: Area, Yield and Production of Oats, 2001[R], 2002[P]

Agricultural Region	Seeded Hectares (000)		Harvested Hectares (000)		Yield Per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	2001	2002	02/01
1	30.4	46.5	26.3	38.4	2.52	1.68	66.3	64.8	98
2	32.4	46.5	26.3	34.4	2.46	2.06	64.8	70.9	110
3	26.3	32.4	20.2	26.3	2.74	2.64	55.5	69.4	125
Southwest	**89.0**	**125.5**	**72.8**	**99.2**	**2.56**	**2.07**	**186.6**	**205.1**	**110**
4	12.1	16.2	10.1	12.1	2.74	2.29	27.8	27.8	100
5	8.1	12.1	6.1	8.1	2.54	1.71	15.4	13.9	90
6	26.3	36.4	22.3	30.4	2.56	2.13	57.1	64.8	114
Northwest	**46.5**	**64.8**	**38.4**	**50.6**	**2.61**	**2.10**	**100.2**	**106.4**	**106**
7	74.9	95.1	66.8	87.0	2.22	2.96	148.1	257.5	174
8	50.6	62.7	46.5	60.7	2.49	2.62	115.7	158.8	137
Central	**125.5**	**157.8**	**113.3**	**147.7**	**2.33**	**2.82**	**263.7**	**416.4**	**158**
9	52.6	62.7	48.6	58.7	1.75	2.65	84.8	155.8	184
10	8.1	4.0	8.1	2.0	2.10	2.29	17.0	4.6	27
Eastern	**60.7**	**66.8**	**56.7**	**60.7**	**1.80**	**2.64**	**101.8**	**160.4**	**158**
11	34.4	30.4	32.4	30.4	2.24	3.00	72.5	91.0	126
12	12.1	20.2	10.1	16.2	2.29	2.38	23.1	38.6	167
Interlake	**46.5**	**50.6**	**42.5**	**46.5**	**2.25**	**2.78**	**95.6**	**129.5**	**135**
Province	**368.3**	**465.4**	**323.8**	**404.7**	**2.30**	**2.50**	**748.0**	**1,017.9**	**136**

Agricultural Region	Seeded Acres (000)		Harvested Acres (000)		Yield Per Acre (bushels)		Production (000 bushels)		% Chg
1	75	115	65	95	66.2	44.2	4,300	4,200	98
2	80	115	65	85	64.6	54.1	4,200	4,600	110
3	65	80	50	65	72.0	69.2	3,600	4,500	125
Southwest	**220**	**310**	**180**	**245**	**67.2**	**54.3**	**12,100**	**13,300**	**110**
4	30	40	25	30	72.0	60.0	1,800	1,800	100
5	20	30	15	20	66.7	45.0	1,000	900	90
6	65	90	55	75	67.3	56.0	3,700	4,200	114
Northwest	**115**	**160**	**95**	**125**	**68.4**	**55.2**	**6,500**	**6,900**	**106**
7	185	235	165	215	58.2	77.7	9,600	16,700	174
8	125	155	115	150	65.2	68.7	7,500	10,300	137
Central	**310**	**390**	**280**	**365**	**61.1**	**74.0**	**17,100**	**27,000**	**158**
9	130	155	120	145	45.8	69.7	5,500	10,100	184
10	20	10	20	5	55.0	60.0	1,100	300	27
Eastern	**150**	**165**	**140**	**150**	**47.1**	**69.3**	**6,600**	**10,400**	**158**
11	85	75	80	75	58.8	78.7	4,700	5,900	126
12	30	50	25	40	60.0	62.5	1,500	2,500	167
Interlake	**115**	**125**	**105**	**115**	**59.0**	**73.0**	**6,200**	**8,400**	**135**
Province	**910**	**1,150**	**800**	**1,000**	**60.6**	**66.0**	**48,500**	**66,000**	**136**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

BARLEY

Barley production in 2002 was 1,175,700 tonnes (54 million bushels), a decrease of 5 percent from the 2001 level. An estimated 404,700 hectares (1,000,000 acres) were harvested, yielding an average of 2,900 kilograms per hectare (54 bushels per acre). The total farm value of production was $187.1 million, an increase of 16.2 percent from the revised 2001 level, not including the value of the crop cut for hay or silage. The area, yield and production of the 2001 and 2002 barley crops are shown below. About 40,500 hectares (100,000 acres) were planted and cut for fodder in 2002.

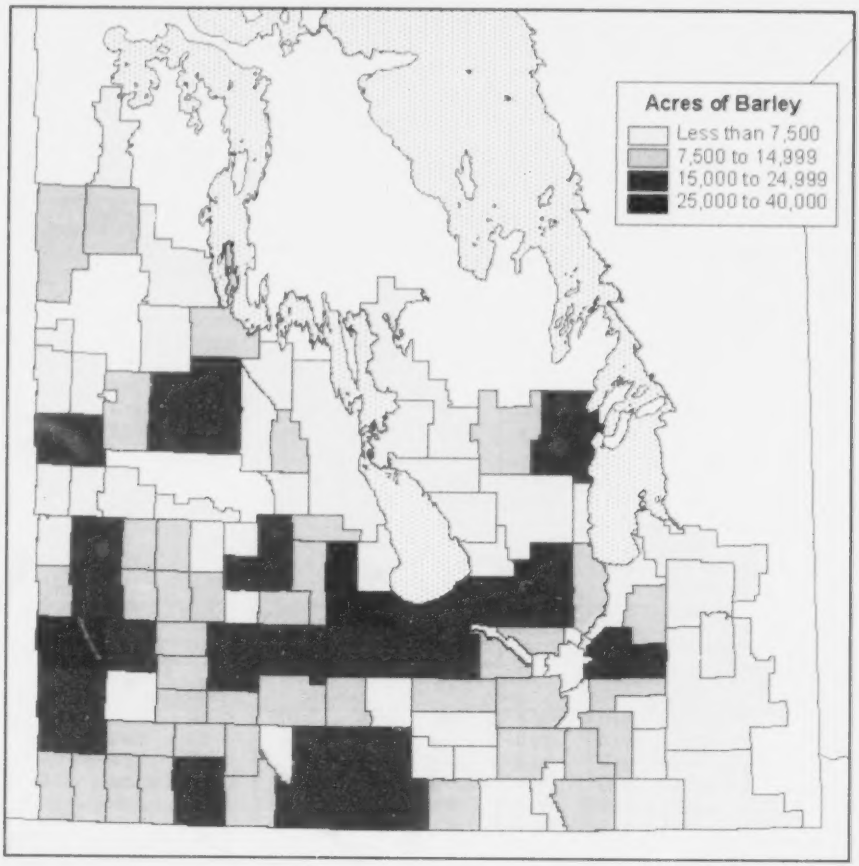
TABLE 25: Area, Yield and Production of Barley, 2001[R], 2002[P]

Agricultural Region	Seeded Hectares (000)		Harvested Hectares (000)		Yield Per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	2001	2002	02/01
1	50.6	54.6	48.6	50.6	3.14	2.58	152.4	130.6	86
2	70.8	76.9	68.8	68.8	2.88	2.78	198.1	191.6	97
3	68.8	58.7	62.7	54.6	2.92	3.07	182.9	167.7	92
Southwest	**190.2**	**190.2**	**180.1**	**174.0**	**2.96**	**2.82**	**533.4**	**489.9**	**92**
4	20.2	16.2	18.2	14.2	3.35	3.23	61.0	45.7	75
5	10.1	16.2	10.1	14.2	3.66	2.46	37.0	34.8	94
6	38.4	34.4	34.4	30.4	3.35	3.01	115.4	91.4	79
Northwest	**68.8**	**66.8**	**62.7**	**58.7**	**3.40**	**2.93**	**213.4**	**172.0**	**81**
7	56.7	48.6	50.6	44.5	2.24	3.23	113.2	143.7	127
8	60.7	60.7	58.7	58.7	3.27	3.12	191.6	182.9	95
Central	**117.4**	**109.3**	**109.3**	**103.2**	**2.79**	**3.16**	**304.8**	**326.6**	**107**
9	36.4	26.3	34.4	24.3	1.58	2.60	54.3	63.0	116
10	8.1	6.1	8.1	4.0	1.88	2.15	15.2	8.7	57
Eastern	**44.5**	**32.4**	**42.5**	**28.3**	**1.64**	**2.54**	**69.7**	**71.9**	**103**
11	28.3	24.3	28.3	24.3	2.15	2.96	61.0	71.9	118
12	24.3	22.3	22.3	18.2	2.35	2.39	52.3	43.5	83
Interlake	**52.6**	**46.5**	**50.6**	**42.5**	**2.24**	**2.72**	**113.2**	**115.4**	**102**
Province	**473.5**	**445.2**	**445.2**	**404.7**	**2.77**	**2.90**	**1,234.5**	**1,175.7**	**95**

Agricultural Region	Seeded Acres (000)		Harvested Acres (000)		Yield Per Acre (bushels)		Production (000 bushels)		% Chg
1	125.0	135.0	120.0	125.0	58.3	48.0	7,000	6,000	86
2	175.0	190.0	170.0	170.0	53.5	51.8	9,100	8,800	97
3	170.0	145.0	155.0	135.0	54.2	57.0	8,400	7,700	92
Southwest	**470.0**	**470.0**	**445.0**	**430.0**	**55.1**	**52.3**	**24,500**	**22,500**	**92**
4	50.0	40.0	45.0	35.0	62.2	60.0	2,800	2,100	75
5	25.0	40.0	25.0	35.0	68.0	45.7	1,700	1,600	94
6	95.0	85.0	85.0	75.0	62.4	56.0	5,300	4,200	79
Northwest	**170.0**	**165.0**	**155.0**	**145.0**	**63.2**	**54.5**	**9,800**	**7,900**	**81**
7	140.0	120.0	125.0	110.0	41.6	60.0	5,200	6,600	127
8	150.0	150.0	145.0	145.0	60.7	57.9	8,800	8,400	95
Central	**290.0**	**270.0**	**270.0**	**255.0**	**51.9**	**58.8**	**14,000**	**15,000**	**107**
9	90.0	65.0	85.0	60.0	29.4	48.3	2,500	2,900	116
10	20.0	15.0	20.0	10.0	35.0	40.0	700	400	57
Eastern	**110.0**	**80.0**	**105.0**	**70.0**	**30.5**	**47.1**	**3,200**	**3,300**	**103**
11	70.0	60.0	70.0	60.0	40.0	55.0	2,800	3,300	118
12	60.0	55.0	55.0	45.0	43.6	44.4	2,400	2,000	83
Interlake	**130.0**	**115.0**	**125.0**	**105.0**	**41.6**	**50.5**	**5,200**	**5,300**	**102**
Province	**1,170.0**	**1,100.0**	**1,100.0**	**1,000.0**	**51.5**	**54.0**	**56,700**	**54,000**	**95**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

MAP 6: Barley Acres by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

RYE

Total farm value of rye production was estimated at $5.58 million in 2002, 25.7 percent more than in 2001. The harvested area was 18,200 hectares (45,000 acres) in 2002, unchanged from 2001. The average yield was estimated at 2,100 kilograms per hectare (33.3 bushels per acre) in 2002 compared to 2,070 kilograms per hectare (33.0 bushels per acre) in 2001.

TABLE 26: Area, Yield and Production of All Rye, 2001[r], 2002[p]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	3.9	4.5	1.39	1.66	5.5	7.4	135
2	5.8	6.7	2.53	1.98	14.6	13.4	92
3	1.2	1.4	2.22	2.17	2.8	3.1	114
Southwest	**10.9**	**12.7**	**2.09**	**1.89**	**22.8**	**23.9**	**105**
4	0.6	0.0	1.19	2.58	0.7	0.1	17
5	0.2	0.1	1.78	1.71	0.3	0.2	70
6	0.7	0.9	2.34	2.05	1.6	1.8	116
Northwest	**1.4**	**1.1**	**1.81**	**2.03**	**2.5**	**2.1**	**84**
7	2.6	1.9	1.86	2.51	4.8	4.8	101
8	2.4	2.0	2.42	2.93	5.7	5.7	101
Central	**4.9**	**3.9**	**2.13**	**2.73**	**10.5**	**10.6**	**101**
9	0.3	0.2	1.94	2.44	0.6	0.5	75
10	0.2	0.2	2.08	1.25	0.3	0.2	58
Eastern	**0.5**	**0.3**	**1.99**	**1.90**	**0.9**	**0.6**	**69**
11	0.3	0.0	0.00	0.00	0.6	0.0	0
12	0.2	0.3	1.96	2.98	0.3	0.8	269
Interlake	**0.5**	**0.3**	**2.00**	**2.98**	**0.9**	**0.8**	**90**
Province	**18.2**	**18.2**	**2.07**	**2.10**	**37.7**	**38.1**	**101**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	9.7	11.1	22.2	26.4	215.6	291.9	135
2	14.3	16.7	40.3	31.6	575.0	527.1	92
3	3.1	3.6	35.4	34.6	108.7	123.8	114
Southwest	**27.0**	**31.3**	**33.2**	**30.1**	**899.3**	**942.8**	**105**
4	1.4	0.1	18.9	41.2	26.4	4.5	17
5	0.4	0.3	28.3	27.2	12.7	8.9	70
6	1.6	2.2	37.3	32.7	61.4	71.2	116
Northwest	**3.5**	**2.6**	**28.8**	**32.4**	**100.4**	**84.5**	**84**
7	6.4	4.7	29.6	40.0	188.1	189.6	101
8	5.8	4.8	38.5	46.7	224.5	225.9	101
Central	**12.2**	**9.6**	**33.9**	**43.4**	**412.6**	**415.5**	**101**
9	0.8	0.5	30.9	38.8	23.7	17.8	75
10	0.4	0.4	33.1	19.8	13.1	7.5	58
Eastern	**1.2**	**0.8**	**31.7**	**30.2**	**36.8**	**25.3**	**69**
11	0.7	0.0	32.2	0.0	23.7	0.0	0
12	0.4	0.7	31.2	47.5	11.9	32.1	269
Interlake	**1.1**	**0.7**	**31.8**	**47.5**	**35.7**	**32.1**	**90**
Province	**45.0**	**45.0**	**33.0**	**33.3**	**1,484.7**	**1,500.1**	**101**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

MIXED GRAINS

An estimated 20,400 tonnes (1.0 million bushels) of mixed grains were produced in 2002, an increase of 42.9 percent from 2001. The harvested area in 2002 was 8,100 hectares (20,000 acres), a rise of 33 percent from the 2001 level. Mixed grains total value of production in 2002 was $3.09 million, 70 percent greater than the revised 2001 value of $1.82 million. This does not include the value of the mixed grains harvested as hay or silage.

CANOLA

The area of canola harvested in 2002 was 870,100 hectares (2,150,000 acres), 14 percent more than in 2001. The average yield was estimated at 1,600 kilograms per hectare (28.8 bushels per acre). The total value of canola production was estimated at $527.3 million, 51.5 percent above the 2001 level.

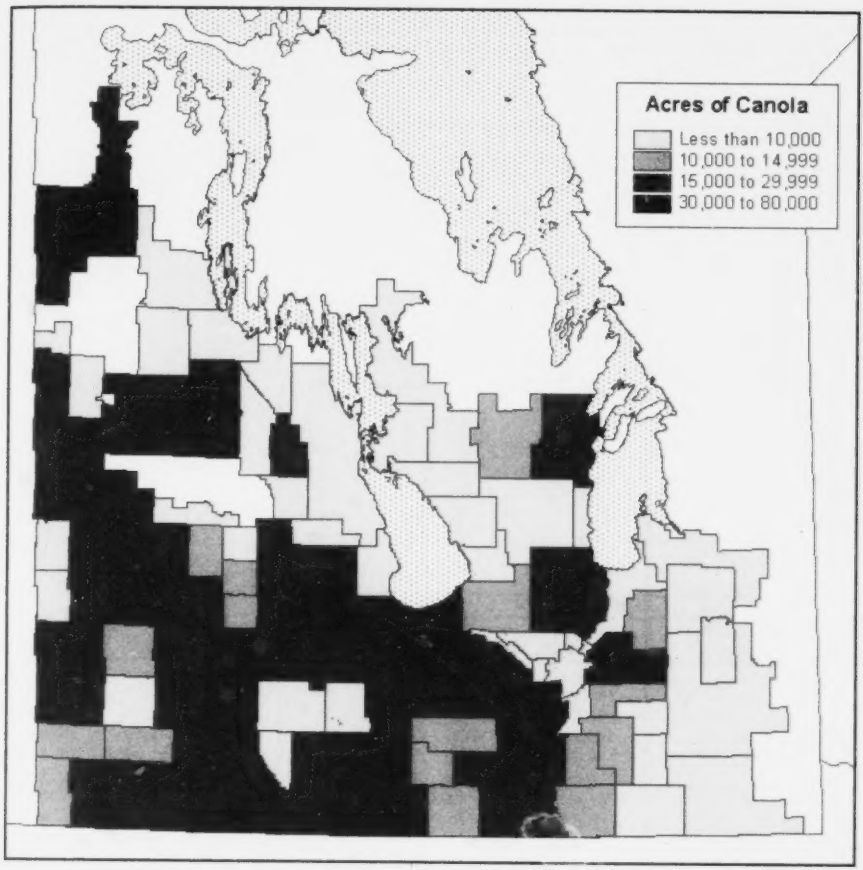
TABLE 27: Area, Yield and Production of Canola, 2001[R], 2002[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	01/00
1	89.0	105.2	1.57	1.35	139.5	141.7	102
2	87.0	85.0	1.41	1.55	122.5	131.5	107
3	105.2	99.2	1.43	1.67	150.8	165.6	110
Southwest	**281.3**	**289.4**	**1.47**	**1.52**	**412.8**	**438.9**	**106**
4	44.5	32.4	1.55	1.54	69.2	49.9	72
5	52.6	60.7	1.77	1.48	93.0	89.6	96
6	62.7	80.9	1.59	1.54	99.8	124.7	125
Northwest	**159.9**	**174.0**	**1.64**	**1.52**	**262.0**	**264.2**	**101**
7	95.1	121.4	1.41	1.83	133.8	222.3	166
8	123.4	141.6	1.68	1.75	207.5	248.3	120
Central	**218.5**	**263.1**	**1.56**	**1.79**	**341.3**	**470.6**	**138**
9	40.5	60.7	0.81	1.59	32.9	96.4	293
10	6.1	6.1	0.93	1.31	5.7	7.9	140
Eastern	**46.5**	**66.8**	**0.83**	**1.56**	**38.6**	**104.3**	**271**
11	30.4	38.4	1.23	1.71	37.4	65.8	176
12	24.3	38.4	1.26	1.62	30.6	62.4	204
Interlake	**54.6**	**76.9**	**1.70**	**1.70**	**68.0**	**128.1**	**188**
Province	**760.8**	**870.1**	**1.48**	**1.60**	**1,122.6**	**1,406.1**	**125**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2001	2002	2001	2002	2001	2002	01/00
1	220.0	260.0	28.0	24.0	6,150	6,250	102
2	215.0	210.0	25.1	27.6	5,400	5,800	107
3	260.0	245.0	25.6	29.8	6,650	7,300	110
Southwest	**695.0**	**715.0**	**26.2**	**27.1**	**18,200**	**19,350**	**106**
4	110.0	80.0	27.7	27.5	3,050	2,200	72
5	130.0	150.0	31.5	26.3	4,100	3,950	96
6	155.0	200.0	28.4	27.5	4,400	5,500	125
Northwest	**395.0**	**430.0**	**29.2**	**27.1**	**11,550**	**11,650**	**101**
7	235.0	300.0	25.1	32.7	5,900	9,800	166
8	305.0	350.0	30.0	31.3	9,150	10,950	120
Central	**540.0**	**650.0**	**27.9**	**31.9**	**15,050**	**20,750**	**138**
9	100.0	150.0	14.5	28.3	1,450	4,250	293
10	15.0	15.0	16.7	23.3	250	350	140
Eastern	**115.0**	**165.0**	**14.8**	**27.9**	**1,700**	**4,600**	**271**
11	75.0	95.0	22.0	30.5	1,650	2,900	176
12	60.0	95.0	22.5	28.9	1,350	2,750	204
Interlake	**135.0**	**190.0**	**22.2**	**29.7**	**3,000**	**5,650**	**188**
Province	**1,880.0**	**2,150.0**	**26.3**	**28.8**	**49,500**	**62,000**	**125**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

MAP 7: Canola Acres by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

FLAXSEED

In 2002, 214,600 tonnes (8.45 million bushels) were produced, up by 8 percent from 2001. The increase in 2002 production was mainly the result of a 10 percent rise in yield, partly offset by a lower harvested area relative to 2001. The estimated total value of the 2002 crop was $82.4 million, a 32.4 percent increase from 2001.

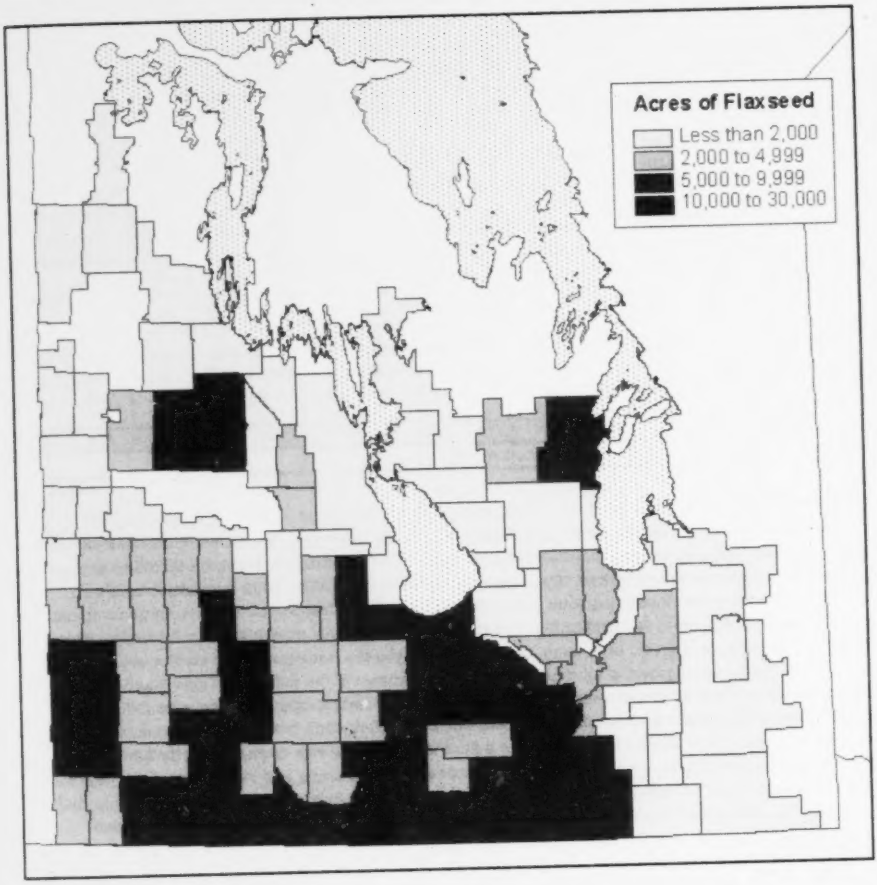
TABLE 28: Area, Yield and Production of Flaxseed, 2001[R], 2002[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	24.7	28.3	1.69	0.95	41.7	26.9	65
2	24.3	24.3	1.19	1.21	29.0	29.5	102
3	17.8	22.3	1.30	1.35	23.1	30.0	130
Southwest	**66.8**	**74.9**	**1.40**	**1.15**	**93.7**	**86.4**	**92**
4	2.4	2.4	1.46	1.46	3.6	3.6	100
5	1.2	0.8	1.26	0.94	1.5	0.8	50
6	9.3	8.1	1.26	1.22	11.7	9.9	85
Northwest	**13.0**	**11.3**	**1.29**	**1.26**	**16.8**	**14.2**	**85**
7	32.8	24.3	0.82	1.43	26.9	34.8	129
8	38.4	36.4	1.16	1.30	44.7	47.5	106
Central	**71.2**	**60.7**	**1.01**	**1.36**	**71.6**	**82.3**	**115**
9	12.5	11.7	0.51	1.28	6.4	15.0	236
10	0.8	2.0	0.31	1.00	0.3	2.0	800
Eastern	**13.4**	**13.8**	**0.49**	**1.24**	**6.6**	**17.0**	**258**
11	6.5	6.1	0.82	1.30	5.3	7.9	148
12	5.3	5.3	1.01	1.30	5.3	6.9	129
Interlake	**11.7**	**11.3**	**0.91**	**1.30**	**10.7**	**14.7**	**138**
Province	**176.0**	**172.0**	**1.10**	**1.20**	**199.4**	**214.6**	**108**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2001	2002	2001	2002	2001	2002	02/01
1	61.0	70.0	26.9	15.1	1,640	1,060	65
2	60.0	60.0	19.0	19.3	1,140	1,160	102
3	44.0	55.0	20.7	21.5	910	1,180	130
Southwest	**165.0**	**185.0**	**22.4**	**18.4**	**3,690**	**3,400**	**92**
4	6.0	6.0	23.3	23.3	140	140	100
5	3.0	2.0	20.0	15.0	60	30	50
6	23.0	20.0	20.0	19.5	460	390	85
Northwest	**32.0**	**28.0**	**20.6**	**20.0**	**660**	**560**	**85**
7	81.0	60.0	13.1	22.8	1,060	1,370	129
8	95.0	90.0	18.5	20.8	1,760	1,870	106
Central	**176.0**	**150.0**	**16.0**	**21.6**	**2,820**	**3,240**	**115**
9	31.0	29.0	8.1	20.3	250	590	236
10	2.0	5.0	5.0	16.0	10	80	800
Eastern	**33.0**	**34.0**	**7.9**	**19.7**	**260**	**670**	**258**
11	16.0	15.0	13.1	20.7	210	310	148
12	13.0	13.0	16.2	20.8	210	270	129
Interlake	**29.0**	**28.0**	**14.5**	**20.7**	**420**	**580**	**138**
Province	**435.0**	**425.0**	**18.0**	**19.9**	**7,850**	**8,450**	**108**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

MAP 8: Flaxseed Acres by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

TABLE 29: Area and Production of Major Grains & Oilseeds, 2001[R], 2002[P]

Agri-cultural Region	Harvested Area				Production				2002/2001 (% change) (metric)		Distribution of Production (% - metric)	
	(000 ha)		(000 ac)		(000 tonnes)		(000 bushels)					
	2001	2002	2001	2002	2001	2002	2001	2002	Area	Prod'n	2001	2002
1	411	403	1,017	995	915	727	38,016	30,872	98	80	14	10
2	399	398	985	982	847	840	35,795	35,687	100	99	13	12
3	379	356	936	880	799	821	33,769	34,974	94	103	12	11
Southwest	**1,189**	**1,156**	**2,938**	**2,858**	**2,561**	**2,388**	**107,579**	**101,533**	**97**	**93**	**38**	**33**
4	144	110	355	273	339	253	14,316	10,874	77	75	5	4
5	154	180	381	444	383	359	15,533	14,559	117	94	6	5
6	241	263	596	650	549	578	23,611	24,831	109	105	8	8
Northwest	**539**	**553**	**1,332**	**1,367**	**1,271**	**1,190**	**53,460**	**50,264**	**103**	**94**	**19**	**17**
7	473	463	1,169	1,143	854	1,165	37,638	53,110	98	136	13	16
8	545	537	1,347	1,328	1,225	1,268	51,674	54,696	99	104	18	18
Central	**1,018**	**1,000**	**2,516**	**2,471**	**2,079**	**2,433**	**89,313**	**107,805**	**98**	**117**	**31**	**34**
9	238	243	587	601	308	534	14,444	25,328	102	174	5	7
10	38	21	94	51	61	36	2,893	1,598	54	60	1	1
Eastern	**276**	**264**	**681**	**651**	**368**	**570**	**17,337**	**26,925**	**96**	**155**	**5**	**8**
11	171	150	423	370	293	362	13,634	17,010	87	124	4	5
12	113	125	280	309	201	265	8,752	11,682	110	132	3	4
Interlake	**285**	**275**	**703**	**679**	**493**	**626**	**22,386**	**28,692**	**97**	**127**	**7**	**9**
Province	**3,306**	**3,246**	**8,170**	**8,020**	**6,773**	**7,208**	**290,085**	**315,230**	**98**	**106**	**100**	**100**

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

OTHER CROPS

Other crops, excluding horticultural, forage seed and hay crops, but including all corn, pulses, and sunflowers, were harvested on 477,000 hectares (1,179,000 acres) in Manitoba in 2002, up by 40 percent from 340,000 hectares (840,000 acres) harvested in 2001. The 2002 specialty crop area represents about 12 percent of the total area of field crops harvested, excluding hay. In general, the weather in 2002 was more favourable than in 2001 for the production of many specialty crops. As a result, crop yields were up for dry beans, canary seed, soybeans, fababeans and sunflowers.

Specialty crops grown in Manitoba include those shown in the summary Table 4 and in the historical tables. In addition, there are a number of other specialty crops grown on a limited basis such as horseradish (for enzyme extraction). Manitoba also produces such crops as wild rice, and a number of spice or essential oil crops like dill, and, on a limited basis, caraway, coriander, safflower and evening primrose. The investigation and adaptation of new and alternate crops and varieties through field trials are conducted on an on-going basis through the Soils and Crops Branch of Manitoba Agriculture and Food and the Manitoba Crop Diversification Centre in co-operation with producers, industry, the University of Manitoba and Agriculture and Agri-Food Canada. Crops tested or observed in recent years have included borage, chick peas, coriander, fenugreek, horseradish, Japanese millet, Jerusalem artichoke, lathyrus, lupins, oilseed radish, echinacea, ginseng, feverfew, valerian, milk thistle and quinoa, as well as a number of varieties of other major or specialty crops.

Grain Corn

Grain corn plantings in 2002 were estimated at 62,700 hectares (155,000 acres), up by 41 percent from 2001. The total seeded area was harvested for grain. The estimated total production of 368,300 tonnes (14.5 million bushels) was up 47 percent from the 2001 level. The total value of production in 2002 was estimated at $52.7 million, an increase of 78.4 percent from the 2001 estimate.

Sunflower Seed

The area seeded to sunflowers in 2002 was estimated at 85,000 hectares (210,000 acres). There were 80,900 hectares (200,000 acres) harvested, up by 43 percent from the harvested area in 2001. The average yield was estimated at 1,700 kilograms per hectare (1,500 pounds per acre), about 6 percent higher than in 2001. Total production of sunflower seed was 136,100 tonnes (300 million pounds), 47 percent above the 2001 level. Over 86 percent of Canada's sunflower seed crop in 2002 was produced in Manitoba. About 82 percent of the 2002 sunflower plantings was non-oilseed or confectionary varieties. The value of sunflower seed production was estimated at $65.3 million in 2002, an 84 percent increase from the 2001 crop value of almost $35.4 million.

Buckwheat

All 8,100 hectares (20,000 acres) of buckwheat were harvested in 2002, unchanged from 2001. The average yield was estimated at 900 kilograms per hectare (16.3 bushels per acre), compared to 1,000 kilograms per hectare (19.2 bushels per acre) in 2001. The total production was 7,100 tonnes (325,000 bushels) in 2002, 57 percent above the 2001 level. This represented about 58 percent of the total Canadian crop harvested. The total value of the Manitoba buckwheat crop in 2002 was estimated at $2.4 million, with the average price to the producer up by 3.7 percent from 2001.

Canary Seed

The area of canary seed harvested in 2002 was 28,300 hectares (70,000 acres), a 40 percent increase from 2001. The total production of canary seed was about 23,600 tonnes (52 million pounds) in 2002, more than double the 2001 crop. Due to increased production, but lower prices, the value of the crop to Manitoba producers rose to $14.9 million in 2002 from $7.6 million in 2001.

Dry Beans

In 2002, about 125,500 hectares (310,000 acres) of dry beans were harvested in Manitoba, about 58 percent of Canada and the largest area of any province. About 68,800 harvested hectares (170,000 acres) were white pea/navy beans, with most of the remaining area in pinto or black beans and smaller areas in kidney or cranberry beans. The total farm gate value of all beans in Manitoba in 2002 was estimated to be $128.1 million, up 20.9 percent from 2001, from a production of 231,300 tonnes (510 million pounds).

Dry Peas

The area seeded to dry peas and harvested in 2002 was estimated at 80,800 hectares (200,000 acres), compared to a harvested area of 60,700 hectares (150,000 acres) in 2001. The average yield was estimated at 2,200 kilograms per hectare (32.5 bushels per acre), 9 percent below the 2001 yield. Manitoba's total production of 176,900 tonnes (6.50 million bushels) was up by 21 percent from the 2001 production and represented 13 percent of total pea production in Canada. The value of the Manitoba crop was estimated at $35.7 million in 2002, 37 percent more than in 2001.

Fababeans

In 2002, about 4,000 hectares (10,000 acres) of fababeans were harvested in Manitoba, unchanged from 2001. Prices averaged $186 per tonne (8 cents per pound). The 2002 crop of 8,400 tonnes (18.5 million pounds) was worth $1.56 million.

Hemp

Industrial hemp was planted commercially in Manitoba in 1998 for the first time in nearly sixty years. In total, 606 hectares (1,497 acres) of hemp were licensed in Manitoba in 1998. The area rose to 6,500 hectares (16,000 acres) in 1999, fell to 600 hectares (1,500 acres) by 2001, but increased to 650 hectares (1,600 acres) in 2002, which produced about 500 tonnes (1.1 million pounds) of clean, dry oilseed. No sales of residual fibre were reported in 2002. Although some of the 2000 and 2001 oilseed crops remained unsold in 2002, the total value of hemp grain and seed production in 2002 was estimated at $0.5 million.

Lentils

There were approximately 130 hectares (300 acres) of lentils planted in Manitoba in 2002, according to Manitoba Crop Insurance. Lentils have proved to be a high-risk crop in Manitoba. The area of lentils seeded in 2001 was 4,000 hectares (10,000 acres), while the harvested area was 2,400 hectares (6,000 acres). The average yield in 2002 was 560 kilograms per hectare (500 pounds per acre) compared to 1,400 kilograms per hectare (1,250 pounds per acre) in 2001. Total production was approximately 70 tonnes (155,000 pounds) in 2002, valued at about $0.02 million, compared to a 2001 value of $0.91 million.

Mustard Seed

The area seeded to mustards and harvested in 2002 was estimated at 12,100 hectares (30,000 acres). The seeded area increased by 49 percent. Most of the provincial production was yellow mustard but smaller amounts of Oriental mustard were also grown. Yields averaged 830 kilograms per hectare (730 pounds per acre). The value to Manitoba producers of the 2002 mustard crop of 10,000 tonnes (22.0 million pounds) was about $6.58 million.

Sugar Beets

No sugar beets have been produced in Manitoba since 1996 due to the closure of Rogers Sugar Ltd. processing plant in January, 1997.

Soybeans

The estimated seeded and harvested area of soybeans in 2002 increased significantly to 52,600 hectares (130,000 acres). Yields of 2,100 kilograms per hectare (30.8 bushels per acre) were 14 percent higher than in 2001. About 108,900 tonnes (4.0 million bushels) were produced with a value of $32.3 million.

Triticale

About 1,200 hectares (3,000 acres) of triticale were harvested in 2002, up by 50 percent from 2001. The value of triticale production of 2,500 tonnes (0.1 million bushels) was $0.33 million in 2002.

Wild Rice

The reported harvest of wild rice in Manitoba in 2002 was 340 tonnes (750,000 pounds), 31.8 percent less than the 2001 crop. This production is reported on a producer or green basis at 50-60 percent moisture. Prices varied from $1.65-2.00/kg ($0.75-0.90/lb). The value of 2002 sales was estimated at $640,000, while the 2001 crop was valued at $990,000. Processing plants in the province cure, parch and then market the wild rice at close to 8 percent moisture level. Wild rice from Manitoba is all natural lake or river-grown with no paddy rice farms. There are two major growing areas, one east of Lake Winnipeg in the Whiteshell area and one in the northwest around The Pas and Flin Flon. Total green rice reported from The Pas (northwest area) was about 295 tonnes (650,000 pounds). Harvest from the Whiteshell area yielded about 45 tonnes (100,000 pounds). A small number of producers in the central area were rewarded with excellent crops.

Fodder Corn

In 2002, 16,200 hectares (40,000 acres) of fodder corn were harvested, 11 percent less than the previous year's level. With yields of almost 22.4 tonnes per hectare (10 tons per acre), 362,900 tonnes (400,000 tons) of silage were produced, a 33 percent decrease from 2001. Estimated at $12.78 million in 2002, the value of production fell by 29.5 percent from the 2001 value of $18.12 million.

Medicinal, Herb, Aromatic, Spice and Essential Oil Crops

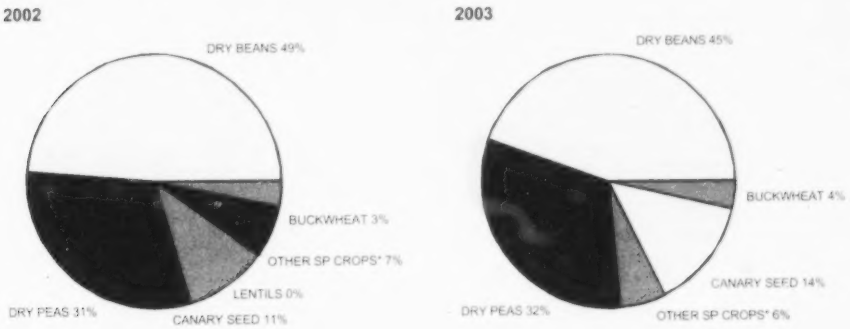
The production of **medicinal, herb, aromatic and spice crops** is spread throughout the province with higher concentrations of growers in the Central and Southwest Regions. The rapid growth of the medicinal/aromatic market a few years ago slowed from 2000 to 2002 after markets began to adjust to demand pressures. There was a downturn in prices for some commodities along with more demanding standards required by buyers. However, spice crops were relatively unaffected by this market adjustment. Medicinal, aromatic and herb crop prices vary according to quality, quantity, active ingredient content, perceived medicinal value, botanical authenticity, availability and extent of processing.

The area planted to **medicinal, herb and aromatic crops** of about 150-200 hectares (400-500 acres) produced an estimated 800 tonnes (2 million pounds) in 2002 with a value of about $2 million. **Echinacea** *angustifolia* dried root prices averaged between $25-28/lb in 2002, but were as low as $10-12/lb for conventially-produced roots. Seed prices averaged $550-700/lb depending on quality, organic status etc., but were as low as $300-400/lb. Other crops grown were feverfew, valerian and horseradish.

Spices and other specialty crops, such as coriander, caraway and safflower, occupied a total seeded area of about 3,500 hectares (8,500 acres) from which approximately 3,000 tonnes (6.6 million pounds) of crop was produced in 2002 with a value of about $3.0 million. **Coriander** and **caraway** remain the major spice crops in Manitoba with about 1,600 hectares (4,000 acres). Similar to medicinal and aromatic plants, these crops are contracted with brokers and processors. Average prices in 2002 were close to 2001 levels. The average price for caraway in 2002 was $0.50/lb, coriander was $0.20-0.23/lb and fenugreek was $0.44/lb. Dill (seed) was priced at $0.50/lb. **Safflowerseed** is grown for birdseed or for its high-quality edible oil. The area of safflowerseed planted and harvested in 2002 was estimated at 400 hectares (1,000 acres) with production reportedly spread widely across the province. With an average yield of 1,250 kilograms per hectare (1,000 pounds per acre), about 500 tonnes (1.0 million pounds) were produced. With reported prices at an average of $330 per tonne ($0.15 per pound), the total value of the crop is estimated at $0.2 million, 78 percent below the 2001 level.

The area planted to **borage**, declined to zero in 2001and 2002 from 3,200-3,600 hectares (8,000-9,000 acres) in 2000 as no contracts were offered.

CHART 10: Area of Selected Special Crops Planted, 2002, 2003



* Excludes grain and fodder corn, sunflowers, soybeans and triticale.
SOURCE: Statistics Canada.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

STRAW FOR PROCESSING

Flax

In 2002, 90,000 tonnes (100,000 tons) of flax straw were purchased for an average price of $5.50/tonne ($5.00/ton). The total value of the straw in 2002 was $0.5 million.

Wheat

About 70,000 tonnes (80,000 tons) of wheat and barley straw were sold in 2002 for about $10.00/tonne ($9.00/ton) for processing into straw board and other products, such as erosion control blankets. The approximate farm gate value of straw sold in 2002 was $0.7 million.

TAME HAY AND PASTURE

In 2002, the area harvested for tame hay (dry hay and silage) was at 819,500 hectares (2,025,000 acres), down by 9 percent from the 2001 estimate. Hay production decreased by about 31 percent to 2.2 million tonnes (2.38 million tons) in 2002. The estimated value of the 2002 crop was $161.6 million, down by 13.9 percent from the 2001 level of $187.8 million.

While the production of wild hay and other crops (wheat, millet) cut for hay is unknown, the area of improved pasture was about 380,000 hectares (950,000 acres) in 2002.

TABLE 30: Area of Tame Hay (dry hay only), 2001[R], 2002[P]

Agricultural Region	Harvested Hectares (000)		Harvested Acres (000)		% Chg
	2001	2002	2001	2002	02/01
1	65	59	160	145	91
2	85	73	210	180	86
3	75	65	185	160	86
Southwest	**225**	**196**	**555**	**485**	**87**
4	51	51	125	125	100
5	45	32	110	80	73
6	121	107	300	265	88
Northwest	**217**	**190**	**535**	**470**	**88**
7	89	81	220	200	91
8	59	57	145	140	97
Central	**148**	**138**	**365**	**340**	**93**
9	63	53	155	130	84
10	34	36	85	90	106
Eastern	**97**	**89**	**240**	**220**	**92**
11	49	36	120	90	75
12	162	170	400	420	105
Interlake	**210**	**206**	**520**	**510**	**98**
Province	**896**	**820**	**2,215**	**2,025**	**91**

SOURCE: Statistics Canada.

TABLE 31: Area of Summerfallow, 2001[R], 2002[P]

Agricultural Region	Hectares (000)		Acres (000)		% Chg
	2001	2002	2001	2002	02/01
1	25	7	60	20	29
2	31	18	80	45	59
3	47	22	115	55	45
Southwest	**104**	**48**	**255**	**120**	**46**
4	20	12	50	30	60
5	10	7	25	15	68
6	22	19	55	45	83
Northwest	**52**	**37**	**130**	**90**	**71**
7	25	11	60	25	43
8	18	4	45	10	22
Central	**42**	**14**	**105**	**35**	**34**
9	25	5	60	10	19
10	8	4	20	10	49
Eastern	**33**	**9**	**80**	**20**	**26**
11	12	5	30	10	36
12	20	9	50	20	43
Interlake	**32**	**13**	**80**	**30**	**41**
Province	**263**	**121**	**650**	**300**	**46**

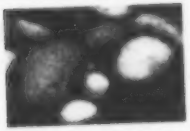
SOURCE: Statistics Canada.

TABLE 32: Summary of Irrigated Acres by Crop, 1988 - 2001

Crop	1988[1]	1991[2]	1994[2]	1997[2]	1999	% of 1999 Acreage	# of Farms in 1999	2001
	acres							acres
Potatoes	8,601	17,475	31,262	42,139	51,237	69.4	140	N
Cereals	8,324	5,480	4,909	10,509	12,513	16.9	19	O
Vegetables	2,670	2,651	3,107	3,355	3,353	4.5	52	T
Forages	4,837	3,750	3,962	2,525	3,005	4.1	21	
Oilseeds	1,091	982	1,096	1,635	1,317	1.8	9	A
Nursery	870	692	797	517	374	0.5	16	V
Fruit	656	613	616	468	493	0.7	59	A
Pulse	NA	800	500	465	752	1.0	4	I
Sod	2,200	2,590	2,670	280	310	0.4	4	L
Grass Seed	NA	NA	447	195	522	0.7	8	A
Sugar Beets	NA	405	307	0	0	0.0	0	B
Special Crops[3]	2,272	NA	NA	NA	NA	NA	NA	L
TOTAL	31,521	35,438	49,673	62,088	73,876			E
								69,548

[1] Survey conducted by Manitoba Agriculture and Food.
[2] Survey conducted by the Association of Irrigators in Manitoba.
[3] Crop classification used in 1988 only. Special crops – sugar beets, corn for silage, beans, sunflowers, peas, lentils, mustard, buckwheat and canary seed.
SOURCE: Association of Irrigators of Manitoba, Census of Agriculture 2001.

POTATOES



The spring in 2002 was cooler and drier than normal, resulting in delayed emergence with some reduction in crop vigour. This was followed by heavy rains, causing some crop loss. During tuber set and early bulking the weather turned quite hot and dry, resulting in reduced tubers/plant, yield loss and misshapen tubers. August and the first half of September provided good growing conditions, however, rain and very cold harvest conditions resulted in some crop not being harvested and a significant amount of the crop damaged by frost. In total, approximately 3,000 acres of potatoes were not harvested.

The late blight forecasting network was once again utilized and this crippling disease was held at bay until early August. Spread of the disease was limited to one growing region, however, storage losses did occur and late blight along with frost damage were the main culprits. There were no other significant disease pressures on potatoes in 2002.

The only major insect problem that growers had to contend with was the Colorado potato beetle (CPB). Reliable control of CPB was achieved consistently with only one product. A CPB survey revealed what was suspected, resistance to all chemical groups but one. CPB control and management will remain a challenge until a number of new alternative products are available to the growers. As in 2001, aphid populations were relatively low but potato flea beetle had a population increase compared to 2001.

Harvested acreage and crop value in 2002 were significantly higher than in 2001. This increase was driven by the French fry processing industry, with additional acres being planted for the new J.R. Simplot plant in Portage la Prairie and for Cavendish Farms in North Dakota. Seed sales were comparable to 2001 and even though prices remained strong in the fresh market sector, increased supply in North America resulted in less volume being sold.

Estimated harvested area, marketed production and value in 2002 are as follows:

TABLE 33: Area, Marketings and Value of Potatoes, 2002

	Harvested Area		Marketings		Average Price		Value
	Acres	Hectares	(000 cwt)	(tonnes)	$/cwt	$/kg	($000)
Processing	69,010	27,928	14,218	644,917	8.16	0.180	116,061
Seed*	9,185	3,717	915	41,504	11.57	0.255	10,584
Fresh Market	6,805	2,754	937	42,502	18.05	0.398	16,915
TOTAL	85,000	34,399	16,070	728,922	8.93	0.197	143,560

* A large percentage of the harvested seed crop is retained for recertification or sold into the processing or fresh market sectors. Those marketings are included in the totals.
SOURCE: Manitoba Agriculture and Food.

VEGETABLES

The 2002 production and marketing season for Manitoba's vegetable industry was far from a banner year. Cool, wet spring conditions slowed growth and contributed to crop losses. The gain in growth resulting from the warm and drier conditions during the summer months was countered by early frosts in September and heavy frosts in early October. Growers felt that at least a month of the production season was lost because of unfavourable weather conditions.

As a result of weather conditions, overall yields of vegetable crops were generally down. In crops such as broccoli, green onions, carrots and cooking onions, growers experienced yield reductions by as much as 25 percent. Obviously, supply availability became an issue impacting both price and volumes of commodities (particularly jumbo carrots and potatoes) shipped to the United States. Domestically, the quality of marketed commodities was considered good with prices generally unchanged from past years.

The total area of vegetables harvested increased by 1.6 percent to 1,906 hectares (4,710 acres) in 2002. The value of vegetables marketed rose by 2.4 percent to $22.1 million in 2002.

TABLE 34: Area, Marketings and Value of Fresh Vegetables, 2002

	No. of Census Farms 2001	Area Planted Acres		Area Harvested (acres)	Marketings (000 lb.)	Average Price ($/lb.)	Total Value ($000)
		Census 2001	Commercial 2002				
Asparagus	26	142	145	115	335	1.58	530
Beans, green/wax	66	100	40	40	150	0.73	110
Beets	57	107	50	45	620	0.36	220
Broccoli	36	378	360	360	3,660	0.37	1,350
Cabbage	59	430	420	420	11,000	0.20	2,200
Carrots*	66	722	735	735	17,500	0.24	4,200
Cauliflower	31	NA	490	490	4,850	0.36	1,750
Celery (est)	11	NA	120	120	2,400	0.18	430
Corn, sweet	134	838	775	750	4,000	0.40	1,600
Cucumbers & Gherkins	90	158	165	155	2,000	0.22	440
Green Onions	25	40	35	30	1,550	0.42	650
Lettuce	31	134	150	145	1,650	0.40	660
Onions:							
cooking, Spanish, red, shallots, pickling	63	520	530	530	14,600	0.24	3,550
sets (est)	incl. with green	118	120	120	1,440	0.93	1,340
Parsnips	NA	NA	50	50	720	0.82	590
Peas, green (in shell) (est.)	57	90	45	40	60	1.70	100
Peppers	47	61	40	40	550	0.45	250
Pumpkins	(see squash)		65	65	1,300	0.14	180
Radishes	28	48	40	40	260	0.65	170
Rutabagas & Turnips	12	27	60	60	1,950	0.24	470
Squash***	80	192	95	95	900	0.32	290
Tomatoes (est)	82	49	30	30	105	0.62	65
Others**	NA	NA	250	235	1,500	0.65	975
TOTAL	**258**	**5,074**	**4,810**	**4,710**	**73,100**	**0.30**	**22,120**

* Cleaned/washed and bagged product.
** Includes brussel sprouts, Chinese vegetables, daikon, dillweed, eggplant, garlic, gourds, herbs, kale, kohlrabi, melons, parsley, rhubarb and spinach.
*** Census farms includes pumpkins.
SOURCE: Statistics Canada, Peak of the Market, Vegetable Growers of Manitoba, Manitoba Agriculture and Food.

TABLE 34: Vegetables Continued

	No. of Census Farms 2001	Area Planted Hectares		Area Harvested (hectares)	Marketings (tonnes)	Average Price ($/kg)	Total Value ($000)
		Census 2001	Commerical 2002				
Asparagus	26	57	59	47	152	3.483	530
Beans, green/wax	66	40	16	16	68	1.609	110
Beets	57	43	20	18	281	0.794	220
Broccoli	36	153	146	146	1,660	0.816	1,350
Cabbage	59	174	170	170	4,989	0.441	2,200
Carrots*	66	292	297	297	7,938	0.529	4,200
Cauliflower	31	NA	198	198	2,200	0.794	1,750
Celery (est)	11	NA	49	49	1,089	0.397	430
Corn, sweet	134	339	314	304	1,814	0.882	1,600
Cucumbers & Gherkins	90	64	67	63	907	0.485	440
Green Onions	25	16	14	12	703	0.926	650
Lettuce	31	54	61	59	748	0.882	660
Onions:							
cooking, Spanish, red, shallots, pickling	63	210	214	214	6,622	0.529	3,550
sets (est)	incl. with green	48	49	49	653	2.050	1,340
Parsnips	NA	NA	20	20	327	1.808	590
Peas, green (in shell) (est)	57	36	18	16	27	3.748	100
Peppers	47	25	16	16	249	0.992	250
Pumpkins	(see squash)		26	26	590	0.309	180
Radishes	28	19	16	16	118	1.433	170
Rutabagas & Turnips	12	11	24	24	885	0.529	470
Squash***	80	78	38	38	408	0.705	290
Tomatoes (est)	82	20	12	12	48	1.367	65
Others**	NA	NA	101	95	680	1.433	975
TOTAL	**258**	**2,053**	**1,947**	**1,906**	**33,156**	**0.667**	**22,120**

ORNAMENTAL CROPS & FRUIT

The spring of 2002 was very cool for the months of March, April and May. Some frost damage occurred in the strawberries and, in some cases, frost damage was severe. Strawberries were just beginning to flower in early June. Due to the cold spring, the strawberry picking season was quite late this year. It began around July 5th or later, instead of the usual late June or early July. Prices for strawberries ranged from $5.00-8.00/pail ($1.00-1.60/lb) for U-pick. The pre-picked strawberries were at $8.00-11.00/pail ($1.60-2.20/lb).

Saskatoons were late as well due to the late spring. Flowering occurred in late May and the picking season starting in the second week of July. Prices for Saskatoon U-pick were on average $2.00/lb and pre-pick were $3.00-3.25/lb.

TABLE 35: Area, Marketings and Value of Fruit, 2002

	No. of Census Farms 2001	Area Planted (acres)		Area Harvested (acres)	Marketings (000 lbs)	Average Price ($/lb.)	Total Value ($000)
		Census 2001	Comm. 2002				
Apples	26	56	55	22	260	0.30	80
Raspberries	96	127	200	160	180	1.50	270
Saskatoon berries	131	342	405	250	350	2.25	790
Strawberries	109	563	650	450	1,500	1.50	2,250
Other fruit	40	180	180	170	80	2.00	160
TOTAL	**295**	**1,268**	**1,490**	**1,052**	**2,370**	**1.50**	**3,550**

SOURCE: Statistics Canada, Census of Agriculture 2001, Manitoba Agriculture and Food.

Greenhouse Production

The 2002 greenhouse season started out with a cool, wet spring, which affected bedding plant sales. When the weather improved, sales returned to more normal levels. No snow load damage was reported. However, growers who experience damage usually reconstruct in early spring to maintain production capacity. The positive effect of the mild winter season was offset by another increase in operating expenses, particularly for heating fuels, which are a major component (about 30-40 percent) of greenhouse costs. The extraordinary increase in natural gas prices in 2001, which in some cases was three times the previous rate, caused many greenhouses either to delay seeding to reduce fuel costs or to shut down completely. Although most operations increased their prices to compensate for higher costs, not all of the higher costs could be passed on to the consumer. Some of the additional costs were covered by specialty and custom arrangements and other services offered by independent greenhouse operators instead of by raising the unit price of the regular bedding plant flat. This strategy was required to compete with the large chain stores, which tend to sell bedding plant annuals at a "loss leader" price.

Over the past few years, there has been increased consumer purchasing from discount superstores, which provide the consumer with a "one-stop" shop for their home and garden needs. Traditional greenhouses have had to change their marketing strategy to compensate for increased competition from the large stores. There has been a trend towards specialty operations, which provide high quality products and services at a premium price while reducing or limiting the selection of "filler" plants, the "loss leaders" used by the superstores. This adjustment has been difficult for some operators and rising costs have had a detrimental effect on the greenhouse industry in Manitoba. However the local industry is still competitive and growers, who have not adapted to the changes, have left the industry.

According to the 2001 Census of Agriculture, the total production area of 235 greenhouses in Manitoba (including small on-farm operations) was 235,412 m^2 (2.53 million square feet). Almost 85.6 percent of the area in use in 2001 was for flowers, 6.7 percent for vegetables and 7.7 percent for other products.

For the 160 greenhouses surveyed in 2002 covering an area of 251,442 m^2 (2.71 million square feet), total sales amounted to $27.7 million, up by 8.7 percent from 2001. The total number of ornamental bedding plants reported sold in 2002 was 33.2 million, an increase of 6.7 percent from 2001. About 17 percent more potted plants were sold in 2002 than in 2001. Vegetable bedding plant sales totalled 5.6 million plants in 2002, more than double 2001 sales. Flower and ornamental plant sales direct to the public amounted to $14.0 million, while sales through chain stores, other retail outlets, wholesalers, government, other greenhouses and other channels, were $8.0 million, $3.4 million, $0.5 million, $0.2 million, $0.9 million and $0.3 million respectively. 2002 greenhouse vegetable sales were about $0.328 million, down slightly from $0.331 million in 2001. About $0.1 million of greenhouse plants were exported in 2002, slightly below the 2001 level. Imports of nursery plants, bulbs and cut flowers increased to $22.9 million in 2002 and there were $1.0 million of assorted plants exported during the year.

The Manitoba greenhouse industry employed 1,130 people in 2002 and paid total wages of $7.7 million.

Mushrooms

In 2002, a major mushroom producer went out of production, leaving one large producer and six small producers. The estimated mushroom production in 2002 was about 2.5 million kg (5.5 million lb) valued at an estimated $8.5 million.

Nursery Sod

The sod area under cultivation for sale by 10 growers in 2001 was 946 hectares (2,338 acres). The value of sales of sod from 220 hectares (545 acres) in 2001 was revised to over $1.8 million. In 2002, only 5 growers reported sod under cultivation for sale. The total area of sod was 730 hectares (1,800 acres), of which over one-third was sold during the year. The value of sales of these growers in 2002 was estimated at close to $1.8 million.

Nursery Products

According to the 2001 Census of Agriculture the total area of outdoor plantings for 165 nurseries was 1,014 hectares (2,505 acres) in 2001. The area was estimated by Statistics Canada at 970 hectares (2,400 acres) in 2002. Direct sales to the public were valued at $3.1 million in 2002, sales to landscape contractors increased to $1.7 million, sales to garden centres and other growers rose to $2.8 million and $1.1 million respectively in 2002, while sales to public agencies, other channels and for export remained fairly steady at $0.5 million, $0.6 million and $0.6 million respectively. The gross value of 2002 sales increased to almost $10.5 million from $10.2 million in 2001, while the net value (less resales) rose to $7.7 million from $7.2 million a year earlier.

TABLE 36: Value of Production of Vegetables, Ornamental Crops & Fruit, 2001, 2002

	2001[R]	2002
	($000)	
Potatoes	129,100	143,560
Commercial Vegetables	21,600	22,120
Commercial Fruits	3,400	3,550
Environmentally Controlled Production (Greenhouse and Mushrooms)	36,300	36,200
Nursery Products and Sod	9,000	9,500
TOTAL	199,400	214,930

SOURCE: Manitoba Agriculture and Food, Statistics Canada.

FOREST PRODUCTS

The 2001 Census of Agriculture reported that 309 farms sold forest products valued at $2.0 million in 2000. This was based on total commercial sales and included plywood and fence posts. In 2002, farm cash receipts from forest products were estimated at $1.2 million, similar to the 2001 estimate.

Christmas Trees

The 2001 Census of Agriculture reported 112 farms with a total 512 hectares (1,266 acres) of Christmas trees. This was a decrease of 28 farms and 358 hectares (884 acres) from 1996. The value of Christmas tree sales in 2002 was estimated at $100,000, down from $130,000 in 2001.

SEED PRODUCTION

Forage Seeds

Marketings of all forage seed crops, including foreign and private varieties, decreased to 13.5 million kilograms (29.8 million pounds) in 2002 from sales of 13.6 million kilograms (30 million pounds) in 2001. The total farm gate value increased by 48 percent to $19.9 million from $13.5 million in 2001.

The following table shows planted area, marketings and average farm gate price for a combination of certified and common seed.

TABLE 37: Area, Sales and Value of Forage Seeds, 2001[R] and 2002[P]

	Total Area		Sales		Average Price		Farm Value ($000)
2001	Hectares	Acres	kg (000)	lb (000)	/kg ($)	/lb ($)	
Alfalfa	15,800	39,000	2,945	6,492	1.68	0.76	4,954
Total Rye Grass	4,900	12,000	4,882	10,763	0.61	0.27	2,957
Birdsfoot Trefoil	3,800	9,350	264	582	1.68	0.76	443
Bromegrass	1,200	3,000	100	220	2.27	1.03	227
Total Wheatgrass	1,400	3,500	185	408	1.71	0.77	315
Meadow and Other Fescue	5,700	14,000	659	1,453	0.88	0.40	581
Total Clover	2,600	6,500	395	871	1.15	0.52	455
Timothy	11,900	29,300	3,990	8,796	0.74	0.34	2,959
Other Grasses	5,000	12,350	140	308	4.07	1.85	570
TOTAL	52,200	129,000	13,559	29,892	0.99	0.45	13,463
	Total Area		Sales		Average Price		Farm Value ($000)
2002	Hectares	Acres	kg (000)	lb (000)	/kg ($)	/lb ($)	
Alfalfa	17,200	42,500	4,180	9,215	2.10	0.95	8,773
Total Rye Grass	7,900	19,500	3,361	7,410	0.77	0.35	2,604
Birdsfoot Trefoil	3,200	8,000	415	915	2.14	0.97	886
Bromegrass	800	2,000	167	368	2.52	1.14	421
Total Wheatgrass	1,500	3,800	324	714	1.76	0.80	571
Meadow and Other Fescue	6,900	17,000	1,564	3,449	0.94	0.43	1,471
Total Clover	2,800	7,000	493	1,087	1.19	0.54	587
Timothy	11,700	29,000	2,857	6,299	1.30	0.59	3,714
Other Grasses	5,700	14,000	133	293	6.81	3.09	905
TOTAL	57,800	142,800	13,495	29,750	1.48	0.67	19,933

SOURCE: Manitoba Forage Seed Association Check-off Sales Reports, Manitoba Agriculture and Food.

TABLE 38: Area of Foundation, Registered and Certified Seed Production, 1999-2002

Kind of Crop	1999	2000	2001	2002
	hectares			
Wheat - Spring*	39,715	43,028	42,638	46,566
- Durum	824	2,266	176	291
- Winter	2,637	3,125	4,687	2,974
Oats	4,630	4,100	5,697	9,570
Barley	14,640	23,869	15,852	13,282
Rye - Fall	1,062	506	165	350
- Spring	24	0	0	0
Triticale	69	28	17	86
Flaxseed	13,658	11,617	9,240	8,354
Peas - Dry	5,379	4,539	4,994	7,623
- Chickpeas	-	-	-	4
Beans - Faba	345	582	225	165
- Soy	131	666	2,234	3,327
- Dry	2,502	0	2,410	4,258
Corn	-	-	-	184
Buckwheat	438	666	540	362
Canola	10,373	7,570	5,107	4,173
Alfalfa	6,971	7,528	8,565	8,452
Bromegrass	118	243	333	409
Kentucky Bluegrass	40	32	0	0
Meadow Fescue	261	241	191	251
Sweet Clover - Yellow Blossom	204	79	14	171
Timothy	7,506	9,253	11,446	9,534
Red Clover - Single- and Double-cut	926	1,741	1,471	613
Birdsfoot Trefoil	2,599	2,394	2,819	2,188
Mustard (Yellow and Brown)	99	30	0	2
Radish	173	108	0	0
Lentils	247	839	119	57
Canary Grass	265	663	824	593
Hemp	-	-	-	400
Miscellaneous Grass Crops	2,360	4,551	5,154	4,840
TOTAL	**118,197**	**130,264**	**124,918**	**129,078**
	acres			
Wheat - Spring*	98,138	106,325	105,361	115,067
- Durum	2,037	5,600	435	719
- Winter	6,517	7,723	11,582	7,348
Oats	11,441	10,131	14,077	23,648
Barley	36,175	58,981	39,172	32,820
Rye - Fall	2,624	1,250	409	864
- Spring	60	0	0	0
Triticale	170	70	43	212
Flaxseed	33,749	28,706	22,833	20,644
Peas - Dry	13,293	11,217	12,340	18,836
- Chickpeas	-	-	-	9
Beans - Faba	852	1,439	556	408
- Soy	323	1,645	5,520	8,222
- Dry	6,183	0	5,955	10,523
Corn	-	-	-	454
Buckwheat	1,083	1,645	1,333	894
Canola	25,632	18,706	12,619	10,311
Alfalfa	17,225	18,601	21,165	20,887
Bromegrass	292	600	822	1,010
Kentucky Bluegrass	100	80	0	0
Meadow Fescue	645	595	472	621
Sweet Clover - Yellow Blossom	505	195	35	423
Timothy	18,547	22,865	28,284	23,559
Red Clover - Single- and Double-cut	2,288	4,301	3,635	1,515
Birdsfoot Trefoil	6,423	5,916	6,965	5,406
Mustard (Yellow and Brown)	245	75	0	4
Radish	427	267	0	0
Lentils	611	2,073	294	141
Canary Grass	654	1,639	2,035	1,465
Hemp	-	-	-	989
Miscellaneous Grass Crops	5,831	11,245	12,735	11,960
TOTAL	**292,070**	**321,890**	**308,678**	**318,959**

* Includes Hard Red, Prairie and Soft White Spring Wheat and Utility Wheat.
SOURCE: Canadian Seed Growers' Association.

TABLE 39: Certified Potato Production, 2002

	2002				2001
	Number of Growers	Inspected	Passed Inspect'n	Production Graded Stock*	
		hectares		tonnes	
Adora	1	22.300	22.300	550.0	-
Atlantic	-	-	-	-	280
Chieftan	2	4.900	4.900	120.9	90
Ciklamen	1	9.300	9.300	229.4	1,509
Conestoga	2	4.910	4.910	121.1	98
Dakota Pearl	1	121.400	121.400	2,994.4	2,042
Dakota Rose	1	16.700	16.700	411.9	-
Divina	1	14.400	14.400	355.2	-
Gold Rush	2	20.705	20.705	510.7	1
Ivory Crisp	3	60.900	60.900	1,502.1	-
Mondial	1	22.400	22.400	552.5	-
Morning Gold	1	17.800	17.800	439.0	240
Norland	13	223.298	213.148	5,257.4	6,809
Norvalley	1	72.900	72.900	1,798.1	1,725
Penta	1	8.100	8.100	199.8	187
Ranger Russet	5	182.230	25.060	618.1	2,308
Red Pontiac	5	118.437	115.767	2,855.4	2,102
Russet Burbank	23	2,247.143	1,863.027	45,952.4	46,850
Russet Norkotah	3	37.400	37.400	922.5	-
Sangre	4	174.040	136.370	3,363.6	3,702
Shepody	11	728.566	709.506	17,500.3	16,025
Snowden	3	78.510	78.510	1,936.5	2,550
Umatilla Russet	2	25.517	25.517	629.4	-
Viking	4	96.510	96.510	2,380.5	2,225
Yukon Gold	7	95.340	95.340	2,351.6	3,420
Other Varieties	3	13.700	13.700	337.9	5,920
All Varieties	**28**	**4,417.406**	**3,806.570**	**93,890.7**	**98,083**
	#	acres		tons	
Adora	1	55.104	55.104	606.1	-
Atlantic	-	-	-	-	309
Chieftan	2	12.108	12.108	133.2	99
Ciklamen	1	22.981	22.981	252.8	1,663
Conestoga	2	12.133	12.133	133.5	108
Dakota Pearl	1	299.983	299.983	3,299.8	2,250
Dakota Rose	1	41.266	41.266	453.9	-
Divina	1	35.583	35.583	391.4	-
Gold Rush	2	51.163	51.163	562.8	1
Ivory Crisp	3	150.486	150.486	1,655.3	-
Mondial	1	55.351	55.351	608.9	-
Morning Gold	1	43.984	43.984	483.8	264
Norland	13	551.775	526.695	5,793.6	7,504
Norvalley	1	180.138	180.138	1,981.5	1,901
Penta	1	20.015	20.015	220.2	206
Ranger Russet	5	450.295	61.924	681.2	2,543
Red Pontiac	5	292.661	286.063	3,146.7	2,316
Russet Burbank	23	5,552.751	4,603.590	50,639.5	51,629
Russet Norkotah	3	92.416	92.416	1,016.6	-
Sangre	4	430.058	336.974	3,706.7	4,060
Shepody	11	1,800.306	1,753.209	19,285.3	17,660
Snowden	3	194.000	194.000	2,134.0	2,810
Umatilla Russet	2	63.053	63.053	693.6	-
Viking	4	238.479	238.479	2,623.3	2,452
Yukon Gold	7	235.588	235.588	2,591.5	3,769
Other Varieties	3	33.853	33.853	372.4	6,524
All Varieties	**28**	**10,915.530**	**9,406.138**	**103,467.5**	**108,087**

* In 1999 and 2000, production was estimated based on average yields of 175 cwt/acre, except for Russet Burbank in 2000 due to crop loss.

SOURCE: Canadian Food Inspection Agency.

MARKETING OF MAJOR CROPS

TABLE 40: Farm Supply and Disposition of Major Crops, 2001/2002

2001/2002	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	50.0	250.0	120.0	250.0	10.0	35.0	110.0	775.0
Production	42.2	3,430.6	748.0	1,234.5	37.7	199.4	1,122.6	6,772.8
TOTAL SUPPLY	**92.2**	**3,680.6**	**868.0**	**1,484.5**	**47.7**	**234.4**	**1,232.6**	**7,547.8**
DISPOSITION								
Marketings	54.8	3,290.2	640.1	692.3	30.9	200.0	1,072.8	5,926.5
Seed Requirements	2.3	143.9	41.1	41.1	1.5	8.1	6.6	242.3
Feed, Waste & Dockage	25.1	166.5	136.8	601.1	5.3	6.3	63.2	979.0
Carryover, July 31	10.0	80.0	50.0	150.0	10.0	20.0	90.0	400.0
TOTAL DISPOSITION	**92.2**	**3,680.6**	**868.0**	**1,484.5**	**47.7**	**234.4**	**1,232.6**	**7,547.8**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	1,837	9,186	7,781	11,482	394	1,378	4,850	35,071
Production	1,550	126,050	48,500	56,700	1,480	7,850	49,498	290,078
TOTAL SUPPLY	**3,387**	**135,236**	**56,281**	**68,182**	**1,874**	**9,228**	**54,348**	**325,149**
DISPOSITION								
Marketings	2,010	120,890	41,510	31,800	1,220	7,880	47,300	250,600
Seed Requirements	85	5,287	2,665	1,888	59	319	291	10,509
Feed, Waste & Dockage	925	6,119	8,864	27,605	201	242	2,789	45,819
Carryover, July 31	367	2,940	3,242	6,889	394	787	3,968	18,220
TOTAL DISPOSITION	**3,387**	**135,236**	**56,281**	**68,182**	**1,874**	**9,228**	**54,348**	**325,149**

Note: May not add due to rounding.
SOURCE: Statistics Canada.

TABLE 41: Producer Marketings, Crop Year 2001/2002

	Bread Wheat	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes								
2001									
August	230.5	5.1	235.6	78.8	43.4	5.3	14.5	85.3	462.8
September	230.6	0.2	230.7	178.9	37.9	6.0	17.8	103.5	574.9
October	306.3	0.2	306.5	94.2	134.0	5.4	23.5	135.3	699.0
November	267.6	0.1	267.6	66.2	36.9	2.1	27.7	100.7	501.3
December	258.9	0.4	259.3	43.6	49.9	2.2	7.3	62.1	424.4
2002									
January	233.9	2.7	236.6	39.4	50.2	1.6	7.9	61.2	396.9
February	237.9	0.6	238.4	39.5	43.6	1.0	7.5	88.1	418.2
March	275.0	2.1	277.1	35.4	35.5	1.3	12.7	64.5	426.5
April	312.5	10.1	322.6	11.3	59.0	1.0	14.4	65.7	474.0
May	282.2	9.7	291.9	15.0	56.1	1.1	22.4	77.3	463.8
June	284.2	11.4	295.6	15.9	61.4	2.0	24.8	88.3	488.0
July	315.9	12.2	328.1	21.9	84.3	1.8	19.7	140.8	596.6
TOTAL	**3,235.4**	**54.8**	**3,290.2**	**640.1**	**692.3**	**30.9**	**200.0**	**1,072.8**	**5,926.5**
	thousand bushels								
2001									
August	8,470	190	8,660	5,110	1,990	210	570	3,760	20,300
September	8,470	10	8,480	11,600	1,740	240	700	4,570	27,330
October	11,250	10	11,260	6,110	6,160	210	930	5,960	30,630
November	9,830	0	9,830	4,290	1,700	80	1,080	4,440	21,420
December	9,510	10	9,520	2,830	2,290	90	290	2,740	17,760
2002									
January	8,590	100	8,690	2,560	2,310	60	310	2,700	16,630
February	8,740	20	8,760	2,560	2,000	40	300	3,890	17,550
March	10,100	80	10,180	2,300	1,630	50	500	2,840	17,500
April	11,490	370	11,860	730	2,710	40	570	2,900	18,810
May	10,370	360	10,730	970	2,580	50	880	3,410	18,620
June	10,440	420	10,860	1,030	2,820	80	970	3,890	19,650
July	11,620	440	12,060	1,420	3,870	70	780	6,200	24,400
TOTAL	**118,880**	**2,010**	**120,890**	**41,510**	**31,800**	**1,220**	**7,880**	**47,300**	**250,600**

TABLE 42: Grain Storage Capacity, August 1, 2001 – 2002

Kind of Elevator	All Licensed Elevators			
	2001		2002	
	Number	Capacity (000 tonnes)	Number	Capacity (000 tonnes)
Terminal	1	140.0	1	140.0
Process Elevators	8	97.4	8	96.9
Primary	165	1,240.1	100	992.2
TOTAL – Licensed	**174**	**1,477.5**	**109**	**1,229.1**
		(000 bushels*)		(000 bushels*)
Terminal	1	4,915	1	4,915
Process Elevators	8	3,580	8	3,560
Primary	165	45,565	100	36,455
TOTAL – Licensed	**174**	**54,060**	**109**	**44,930**

* Wheat equivalent.
SOURCE: Canadian Grain Commission.

TABLE 43: Grain Stored in Country Elevators at July 31

Year	Durum Wheat	All Wheat	Oats	Barley	Rye	Flax	Canola	TOTAL
	thousand tonnes							
1985	5.8	82.4	14.8	115.3	46.3	20.4	43.9	323.1
1986	20.8	396.1	26.7	130.0	21.5	34.9	44.7	653.9
1987	73.7	701.3	14.9	64.6	17.6	60.4	16.0	874.8
1988	25.5	290.9	13.5	118.4	25.9	40.6	19.1	508.4
1989	16.1	154.8	10.9	182.4	20.0	23.5	43.6	435.2
1990	13.7	264.9	16.7	151.2	20.9	3.9	27.4	485.0
1991	34.0	778.0	20.5	102.9	8.6	22.6	17.4	950.0
1992	17.2	416.7	14.3	102.2	7.5	34.8	44.5	620.0
1993	24.9	679.6	15.1	146.4	6.0	18.7	65.5	931.3
1994	22.4	595.6	12.2	79.7	4.0	11.4	2.7	705.6
1995	17.9	303.2	19.2	54.2	5.0	10.4	12.6	404.6
1996	20.0	330.3	14.7	40.1	2.9	13.0	41.4	442.4
1997	24.7	399.4	33.5	95.4	3.7	4.8	28.4	565.2
1998	15.9	316.0	25.0	56.5	7.9	3.0	13.3	421.7
1999	38.3	403.7	35.5	25.3	15.9	6.4	27.2	514.0
2000	23.8	414.8	32.4	49.4	13.2	13.7	60.3	583.8
2001	17.3	529.9	23.1	21.3	2.6	17.5	50.5	644.9
2002	14.7	308.1	8.7	28.8	1.2	12.6	120.9	480.3
	thousand bushels							
1985	213	3,028	960	5,296	1,823	803	1,936	13,844
1986	764	14,554	1,731	5,971	846	1,374	1,971	26,448
1987	2,708	25,769	966	2,967	693	2,378	705	33,478
1988	937	10,689	875	5,438	1,020	1,598	842	20,462
1989	592	5,688	707	8,377	787	925	1,922	18,407
1990	503	9,733	1,083	6,944	823	154	1,208	19,945
1991	1,249	28,587	1,329	4,726	339	890	767	36,638
1992	632	15,311	927	4,694	295	1,370	1,962	24,560
1993	915	24,971	979	6,724	236	736	2,888	36,535
1994	823	21,885	791	3,661	157	449	119	27,062
1995	658	11,141	1,245	2,489	197	409	556	16,037
1996	735	12,137	953	1,842	114	512	1,825	17,383
1997	908	14,676	2,172	4,382	146	189	1,252	22,816
1998	584	11,611	1,621	2,595	311	118	586	16,843
1999	1,407	14,834	2,302	1,162	626	252	1,199	20,375
2000	875	15,241	2,101	2,269	520	539	2,659	23,329
2001	636	19,471	1,498	978	102	689	2,227	24,965
2002	540	11,321	564	1,323	47	496	5,331	19,082

SOURCE: Statistics Canada, Canadian Grain Commission.

LIVESTOCK PRODUCTION

CATTLE

Production

Due to lower than expected cattle prices in 2002, the estimated production value of Manitoba cattle decreased by $56 million, from $566 million in 2001 to $510 million in 2002. The estimated average value per animal declined to $950, while production (slaughter in Manitoba, net marketings out of province, inventory change and on-farm slaughter) fell from 545,000 head in 2001 to 535,000 head in 2002. Lower prices for calves in 2002 led to more animals being kept in the province for backgrounding and sale the following year. The cattle inventory increased by about 5,000 head in 2002.

Total Marketings

Including estimated sales to Alberta and Saskatchewan, net commercial marketings of Manitoba-origin cattle and calves rose by 25,000 head from 505,000 head in 2001 to about 530,000 head in 2002. Marketings of local slaughter cattle to Manitoba packers increased by 463 to 16,328 head whereas marketings of slaughter calves fell by 44 to 39 head. Shipments of Manitoba-origin feeder cattle and calves to the U.S. were about 54,000 head, up from a year earlier. Net export sales of Manitoba slaughter cattle and calves to Ontario, Saskatchewan, Alberta and the U.S., decreased from 220,000 in 2001 to 215,000 in 2002. Estimated net marketings of Manitoba feeder cattle and calves to Ontario, Alberta and Saskatchewan in 2002 were almost 245,000 head, 11,000 below the 2001 level.

TABLE 44: Cattle Slaughtered in Manitoba by Month, 2002

Month	Cattle	Calves	TOTAL
January	1,283	0	1,283
February	1,179	0	1,179
March	1,304	4	1,308
April	1,378	0	1,378
May	1,547	1	1,548
June	1,743	4	1,747
July	1,419	0	1,419
August	1,384	5	1,389
September	1,013	4	1,017
October	1,364	10	1,374
November	1,655	8	1,663
December	1,059	3	1,062
YEAR	**16,328**	**39**	**16,367**

SOURCE: Manitoba Health; Canadian Food Inspection Agency.

Slaughter Cattle

There were over 41,000 Manitoba-produced cattle and calves slaughtered in Canada in 2002, with 16,370 killed in Manitoba, 9,710 head in 24 provincially-inspected plants and over 6,660 head in two small federally-inspected plants. More than 190,000 slaughter Manitoba-origin cattle and calves were exported to the United States.

Replacement Cattle Marketings

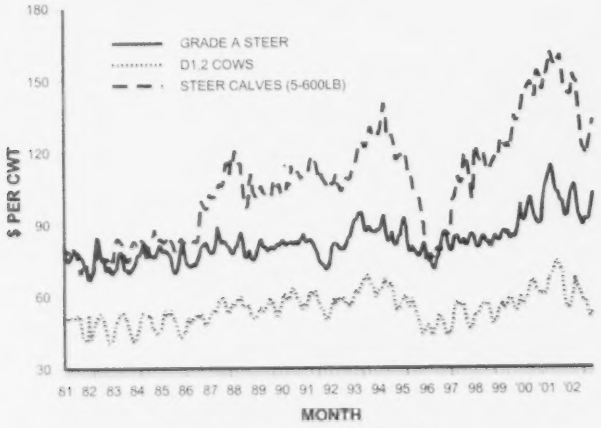
In 2002, almost 439,000 feeder cattle marketings were recorded by Manitoba auction markets. This was an increase of 5 percent from the previous year. About 378,000 feeder cattle and calves were sold through Manitoba's seven major auction markets, while 61,000 replacement cattle were marketed through the five smaller markets in the province. An estimated 100,000 feeder cattle and calves were shipped to eastern markets in 2002, an increase of 54.5 percent from 2001, while 61,400 Saskatchewan feeder cattle and calves were shipped into/through Manitoba. Manitoba exported 54,000 feeders to the United States in 2002, of which most were Manitoba-origin, up from 12,800 in 2001. It is believed that of 205,000 feeder cattle and calves purchased in Manitoba by Alberta and Saskatchewan buyers in 2002, most were Manitoba-produced. This number compares to an estimate of 260,000 Manitoba feeder cattle and calves moving west from Manitoba in 2001.

TABLE 45: Manitoba Cattle Prices by Weight Class, 2001-2002

	Cents per Kilogram Live*		Dollars per 100 Pounds Live*	
	2001	2002	2001	2002
SLAUGHTER CATTLE				
STEERS				
A Grade	228.07	213.65	103.45	96.91
HEIFERS				
A Grade	228.07	213.63	103.45	96.90
COWS				
D1,2	146.45	129.30	66.43	58.65
D3	127.45	116.93	57.81	53.04
BULLS	173.68	164.99	78.78	74.84
FEEDER CATTLE				
STEERS				
+400 kg (+900 lb)	255.47	235.01	115.88	106.60
350-400 kg (801-900 lb)	275.73	249.28	125.07	113.07
300-350 kg (701-800 lb)	292.78	261.34	132.80	118.54
250-300 kg (601-700 lb)	312.18	275.89	141.60	125.14
STEER CALVES				
200-250 kg (501-600 lb)	340.02	294.80	154.23	133.72
150-200 kg (401-500 lb)	365.86	311.58	165.95	141.33
Under 150 kg (under 400 lb)	404.40	336.38	183.43	152.58
HEIFERS				
+350 kg (+800 lb)	265.42	236.65	120.39	107.34
300-350 kg (701-800 lb)	284.46	248.57	129.03	112.75
250-300 kg (601-700 lb)	303.36	261.25	137.60	118.50
200-250 kg (501-600 lb)	329.90	278.11	149.64	126.15
HEIFER CALVES				
150-200 kg (401-500 lb)	354.68	295.07	160.88	133.84
100-150 kg (301-400 lb)	387.46	321.68	175.75	145.91
Under 100 kg (under 300 lb)	-	-	-	-
FEEDER COWS	-	-	-	-

* Simple averages.
SOURCE: Canfax.

CHART 11: Cattle Prices by Month, 1981 – 2002



SOURCE: Agriculture and Agri-Food Canada, Canfax.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

Prices

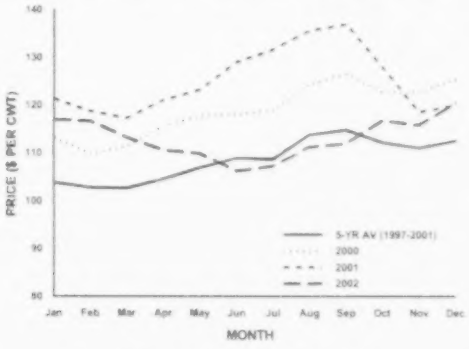
The simple average price for grade A steers in 2002, at $96.91/cwt, decreased by 6.3 percent from $103.45/cwt in 2001, while that of D1,2 cows was down by 11.7 percent to $58.65/cwt. The simple average price for feeder calves, 200-250 kilograms (501-600 pounds) was $133.72/cwt. This compares with the simple average price in 2001 of $154.23 cwt. The simple average price for feeder steers 350-400 kilograms (801-900 pounds) in 2002 was $113.07/cwt, a drop of 9.6 percent from 2001.

TABLE 46: Manitoba Cattle Prices by Month - Selected Grades

Month	Grade A Steers			D1,2 Cows		
	5 Yr.	2001	2002	5 Yr.	2001	2002
	cents per kilogram					
January	196.07	237.88	227.80	118.48	134.84	125.62
February	196.30	244.85	232.04	123.59	148.68	134.90
March	203.40	251.81	234.24	129.18	149.65	148.57
April	205.34	249.12	217.77	132.47	153.77	140.63
May	204.08	234.57	206.42	135.52	160.39	138.89
June	199.37	226.95	201.11	137.06	164.44	134.53
July	195.12	226.26	196.28	136.64	160.94	126.15
August	194.25	218.77	202.56	134.12	156.93	127.74
September	191.26	218.88	202.47	127.43	152.19	126.02
October	191.90	205.25	202.39	119.14	132.08	117.64
November	200.63	205.32	214.20	118.32	122.78	112.52
December	207.75	217.16	226.39	120.29	120.84	118.52
YEAR*	**198.79**	**228.07**	**213.65**	**127.69**	**146.45**	**129.30**
Month	dollars per 100 pounds					
January	88.94	107.90	103.33	53.74	61.16	56.98
February	89.04	111.06	105.25	56.06	67.44	61.19
March	92.26	114.22	106.25	58.60	67.88	67.39
April	93.14	113.00	98.78	60.09	69.75	63.79
May	92.57	106.40	93.63	61.47	72.75	63.00
June	90.43	102.94	91.22	62.17	74.59	61.02
July	88.51	102.63	89.03	61.98	73.00	57.22
August	88.11	99.23	91.88	60.83	71.18	57.94
September	86.75	99.28	91.84	57.80	69.03	57.16
October	87.04	93.10	91.80	54.04	59.91	53.36
November	91.00	93.13	97.16	53.67	55.69	51.04
December	94.23	98.50	102.69	54.56	54.81	53.76
YEAR*	**90.17**	**103.45**	**96.91**	**57.92**	**66.43**	**58.65**

NOTE: 5 Yr. = 1997 – 2001.
* Simple averages.
SOURCE: Canfax.

CHART 12: Seasonal Feeder Steer (800-900 lb) Prices, Manitoba, 2000-2002 vs 5-Year Average



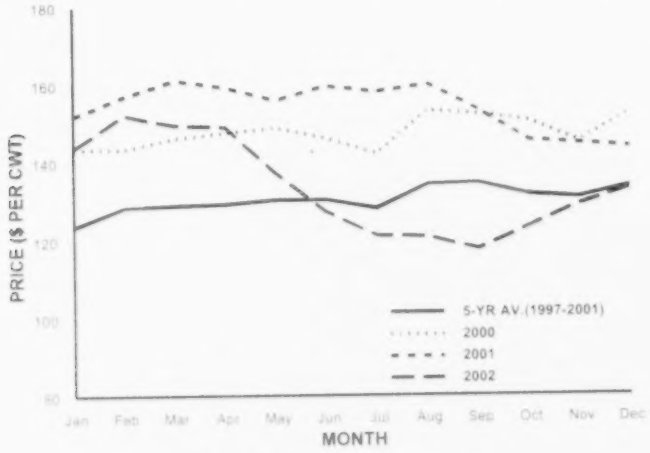
SOURCE: Canfax, Agriculture and Agri-Food Canada.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

TABLE 46: Cattle Prices Continued

Month	Feeder Steers 350-400 kg (801-900 lb)			Steer Calves 200-250 kg (501-600 lb)		
	5 Yr.	2001	2002	5 Yr.	2001	2002
	cents per kilogram					
January	228.81	267.44	257.81	272.60	335.35	317.14
February	226.51	261.78	257.06	283.33	346.22	335.59
March	226.21	258.52	249.67	284.20	355.32	330.08
April	230.43	266.78	243.85	285.00	351.40	328.71
May	235.68	271.72	242.20	287.44	343.81	302.56
June	239.97	284.40	234.00	287.45	351.93	280.41
July	239.42	290.04	236.38	282.44	348.88	267.05
August	250.61	298.75	245.20	295.89	352.74	266.50
September	252.97	301.81	246.74	296.78	337.82	259.33
October	247.34	281.77	257.30	290.14	320.99	272.05
November	244.76	261.25	255.30	288.38	318.94	284.55
December	248.09	264.47	265.72	294.60	316.92	293.55
YEAR*	**239.24**	**275.73**	**249.28**	**287.35**	**340.02**	**294.80**
Month	dollars per 100 pounds					
January	103.79	121.31	116.94	123.65	152.11	143.85
February	102.74	118.74	116.60	128.51	157.04	152.22
March	102.61	117.26	113.25	128.91	161.17	149.72
April	104.52	121.01	110.61	129.27	159.39	149.10
May	106.90	123.25	109.86	130.38	155.95	137.24
June	108.85	129.00	106.14	130.39	159.63	127.19
July	108.60	131.56	107.22	128.11	158.25	121.13
August	113.67	135.51	111.22	134.21	160.00	120.88
September	114.74	136.90	111.92	134.62	153.23	117.63
October	112.19	127.81	116.71	131.60	145.60	123.40
November	111.02	118.50	115.80	130.81	144.67	129.07
December	112.53	119.96	120.53	133.63	143.75	133.15
YEAR*	**108.52**	**125.07**	**113.07**	**130.34**	**154.23**	**133.72**

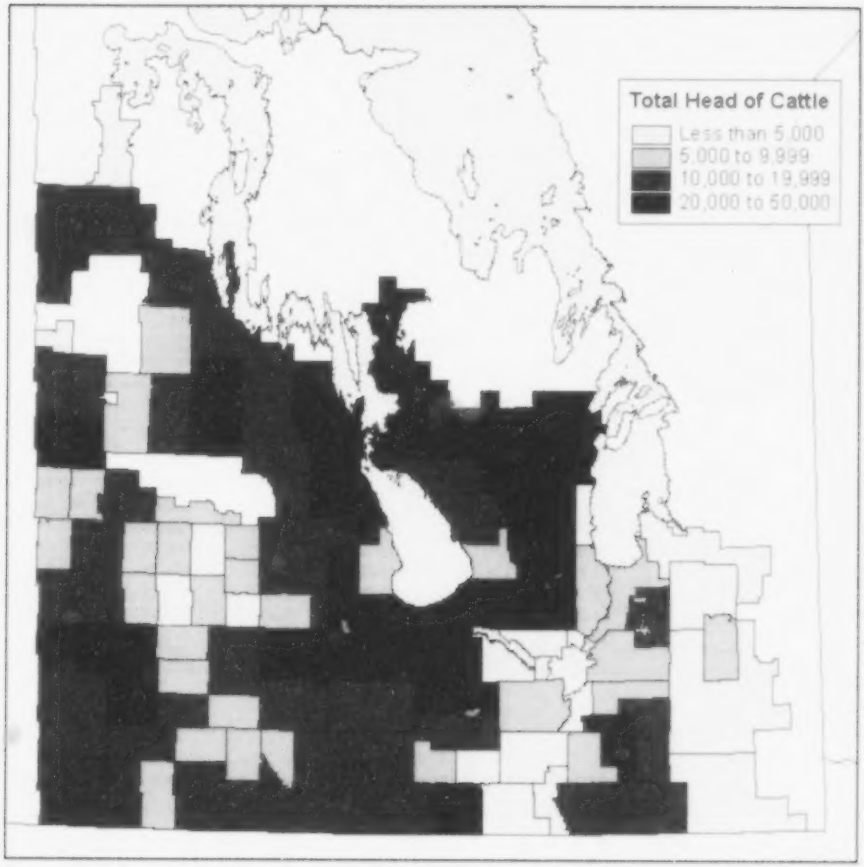
NOTE: 5 Yr. = 1997 – 2001.
* Simple averages.
SOURCE: Canfax.

CHART 13: Seasonal Steer Calf (500-600 lb) Prices, Manitoba, 2000-2002 vs 5-Year Average



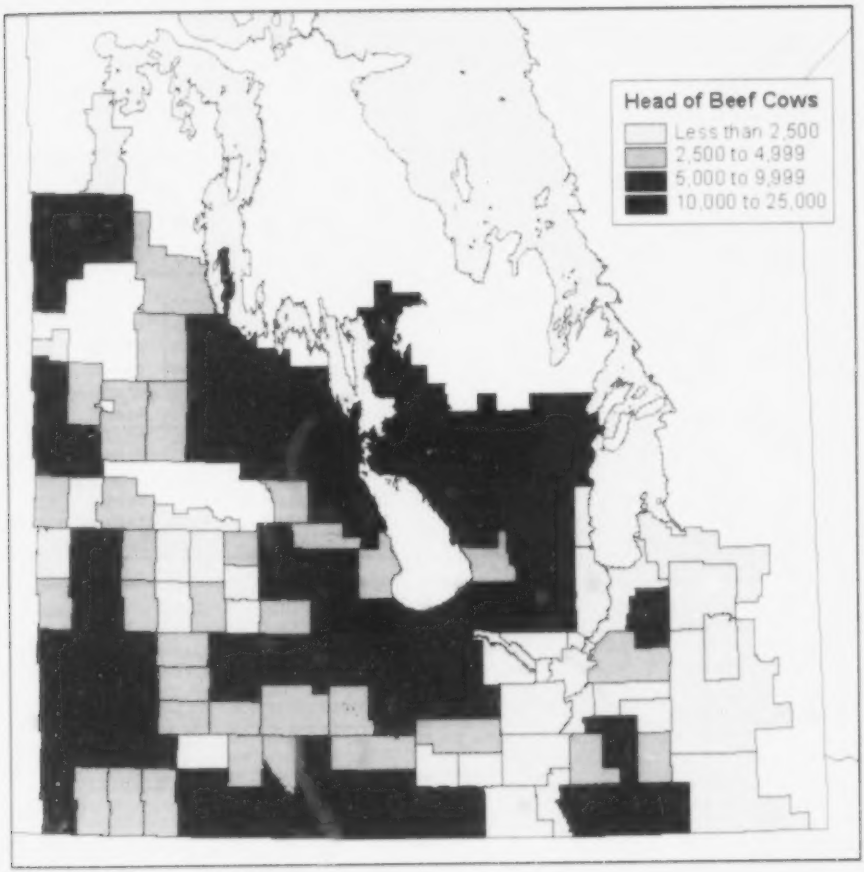
SOURCE: Canfax, Agriculture and Agri-Food Canada.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

MAP 9: Total Cattle by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

MAP 10: Total Beef Cows by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

Inventory

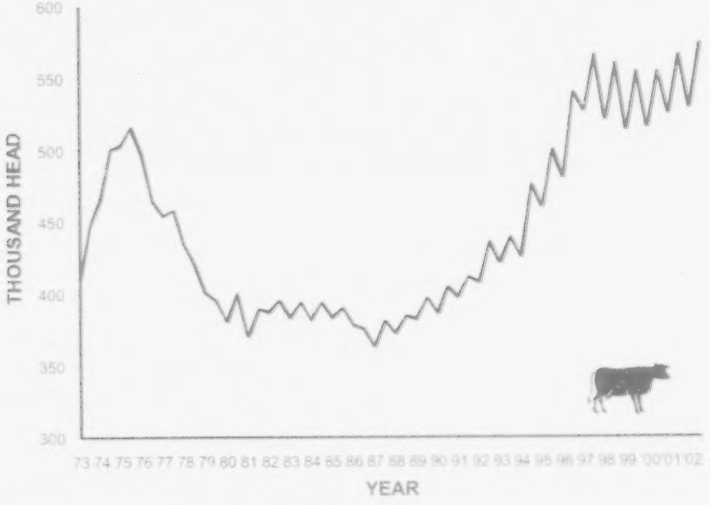
According to Statistics Canada's Census of Agriculture, there were 1,470,000 head of cattle and calves on 11,000 Manitoba farms on July 1, 2002. The number of beef cows was 574,000 head, while beef heifers for slaughter and replacement were 74,000 and 92,000 head respectively in 2002. Steers over one year and calves were at 112,000 head and 529,500 head respectively.

TABLE 47: Cattle Numbers on Farms, July 1, 2002

Agricultural Region	Bulls	Beef Cows	Milk Cows	Heifers for Dairy Herd Replacement	Heifers for Beef Herd Replacement	Beef Heifers for Slaughter or Feeding	Steers One Year & Over	Calves Under One Year	TOTAL CATTLE & CALVES
1	2,500	51,820	1,080	500	8,660	5,890	8,390	49,030	127,870
2	3,230	69,570	2,210	950	10,890	10,090	19,910	66,880	183,730
3	2,600	55,360	1,170	500	8,410	7,180	8,330	48,890	132,440
4	1,450	31,570	340	100	5,260	3,710	3,780	29,850	76,060
5	950	20,530	300	100	2,990	2,070	1,840	18,700	47,480
6	3,640	77,780	790	320	10,670	7,180	13,530	67,430	181,340
7	2,730	64,410	6,170	2,850	9,740	9,070	14,170	60,450	169,590
8	2,360	46,640	5,100	2,430	9,170	10,000	15,170	45,120	135,990
9	1,480	31,560	16,550	8,280	5,300	6,900	7,250	32,060	109,380
10	720	14,330	2,000	890	2,230	220	790	11,930	33,110
11	1,490	24,340	4,730	2,560	4,370	4,090	7,320	24,150	73,050
12	3,850	86,090	1,060	520	14,310	7,600	11,520	75,010	199,960
PROV	27,000	574,000	41,500	20,000	92,000	74,000	112,000	529,500	1,470,000

SOURCE: Manitoba Agriculture and Food

CHART 14: Beef Cows on Farms, 1973 – 2002



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

PIGS

Production

In 2002, Manitoba farmers produced close to 6.65 million pigs, an increase of 4.7 percent from 2001. An 18.7 percent fall in average slaughter hog prices together with a 7.6 percent decrease in export weanling prices led to a drop of 15.6 percent in the average value per head to $114 in 2002. Increased pig production was offset by lower prices in 2002, resulting in a $100 million decrease in the total value of pig production to $760 million.

Total Marketings

Manitoba producers marketed over 3.5 million hogs for slaughter by Canadian plants in 2002, 180,000 more than in 2001. Almost all of these Manitoba slaughter hogs were killed in the province. Slaughter hog marketings in Manitoba in 2002 were above corresponding levels in 2001 as favourable processor profits led to additional hog slaughter. According to Statistics Canada, 1.93 million weanlings and 0.94 million slaughter hogs and breeding gilts were exported to the United States and Mexico in 2002, an increase of 9.5 percent from total hog and weanling exports in 2001.

TABLE 48: Hogs Slaughtered in Manitoba by Month, 1996-2002

Month	1996	1997	1998*	1999*	2000*	2001*	2002*
January	149,901	140,810	267,761	235,902	285,512	329,290	329,306
February	168,567	128,702	212,324	228,210	294,967	320,467	326,146
March	215,853	181,009	220,286	269,227	397,480	402,422	394,092
April	162,127	152,939	271,580	224,192	288,147	319,672	340,679
May	153,151	146,604	210,526	214,483	287,987	306,383	307,629
June	183,685	201,028	207,858	274,197	362,550	398,096	419,921
July	135,227	145,219	247,406	234,335	308,123	305,305	334,998
August	135,581	157,254	205,644	229,283	270,773	313,702	352,714
September	178,188	219,867	221,948	309,619	370,965	400,700	450,652
October	145,328	169,590	276,476	278,840	328,642	338,423	364,150
November	143,020	180,950	225,570	267,394	343,603	328,525	377,046
December	167,400	252,260	253,461	307,292	385,131	384,563	423,964
YEAR	**1,938,028**	**2,076,232**	**2,820,840**	**3,073,034**	**3,923,880**	**4,147,548**	**4,421,297**

* Includes 0.88 million hogs from Saskatchewan, Alberta and Ontario in 2002, about 0.87 million hogs in 2001, more than 1 million hogs in 2000 and more than 500,000 hogs in 1998 and 1999.
SOURCE: Agriculture and Agri-Food Canada, Manitoba Health, CFIA.

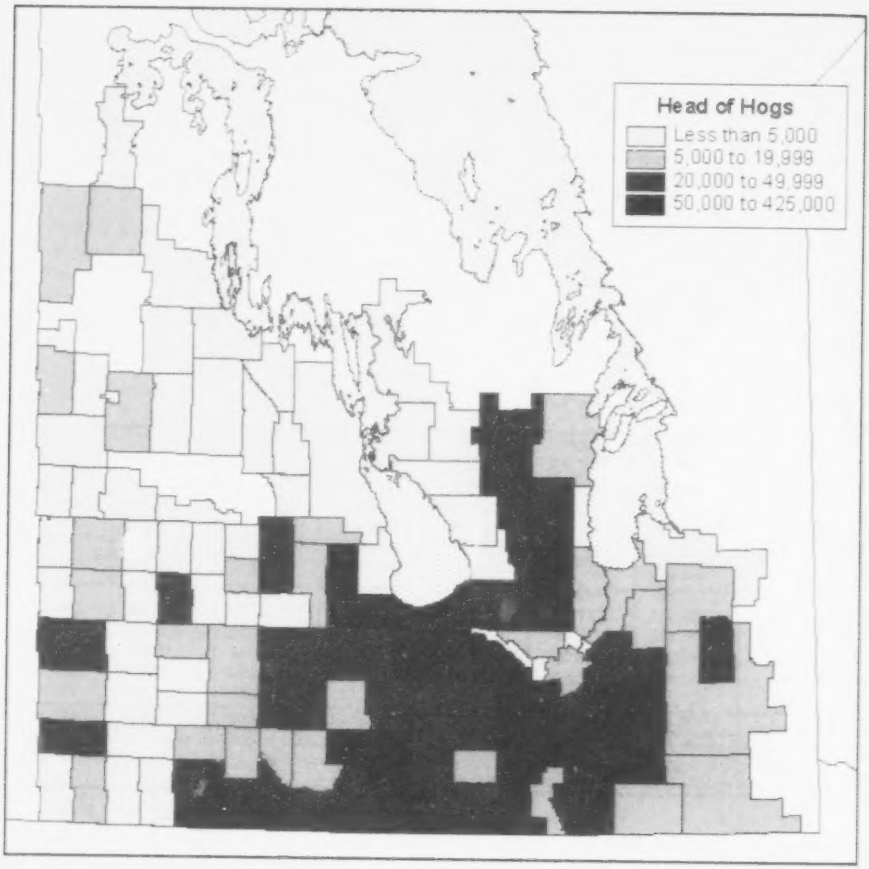
Slaughter

Manitoba packers slaughtered 4.42 million hogs in 2002, an increase of 6.6 percent from 2001. More than 4.28 million hogs were killed in federally-inspected plants, while 139,330 hogs were slaughtered in provincially-inspected establishments. Of the total hogs killed in Manitoba plants, about 0.88 million head came from Alberta, Saskatchewan and Ontario. The average hog carcass weight in 2002 was 91.1 kilograms (200 pounds), up by 0.5 percent from 2001.

Prices

Increased hog supplies and weaker demand for pork in the U.S. resulted in lower North American hog prices in all months of 2002 except January and February. The highest monthly average price received for Index 100 hogs (including all premiums and bonuses) in Manitoba was $162/100 kg ($73.50 per hundredweight) in February, but prices dropped to $111/100 kg ($50.35 per hundredweight) in September. The average annual price of Index 100 hogs (including all premiums and bonuses) in 2002 was $140/100 kg ($63.60 per hundredweight), down by 18.7 percent from 2001 and 8.6 percent below the five-year average (1997-2001) of $153.35/100 kg ($69.56 per hundredweight).

MAP 11: Total Pigs by Rural Municipality, 2001 Census



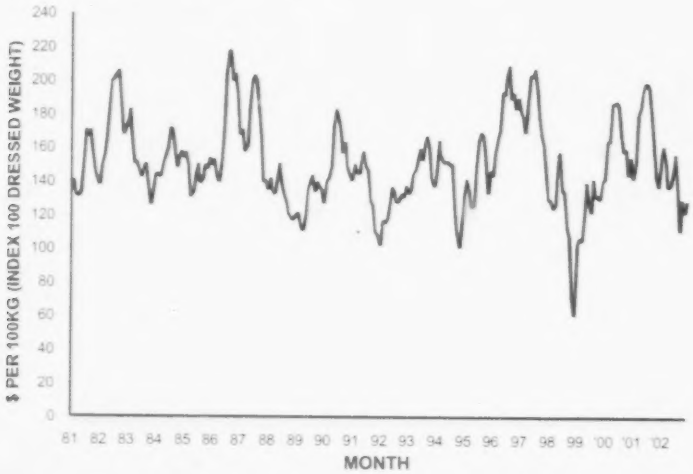
SOURCE: Statistics Canada, Census of Agriculture, 2001

TABLE 49: Monthly Weighted Average Hog Prices, 2000 – 2002

Month	Index 100				No. 1 Sows			
	5 Yr.	2000*	2001*	2002*	5-Yr.	2000	2001	2002
	dollars per 100 kilograms							
January	140.09	142	142	155	107.54	109.39	121.60	105.07
February	146.30	165	152	162	112.78	123.61	125.90	113.60
March	148.65	164	180	153	118.35	128.34	146.33	115.95
April	161.33	186	185	137	128.57	145.98	162.86	96.01
May	176.12	187	194	139	139.97	153.93	152.74	84.89
June	175.76	188	199	145	137.15	139.45	164.92	76.76
July	169.76	185	199	157	125.81	135.29	158.27	72.68
August	166.90	167	196	142	125.32	138.75	158.01	71.45
September	152.32	158	179	111	111.31	129.80	140.83	44.72
October	145.88	160	163	130	109.99	126.10	134.53	69.94
November	130.07	144	143	122	94.86	110.93	104.82	70.06
December	128.08	155	137	129	91.94	123.13	91.06	76.49
YEAR	**153.35**	**167**	**172**	**140**	**116.97**	**130.39**	**138.49**	**83.14**
	dollars per 100 pounds							
January	63.54	64.41	64.36	70.44	48.78	49.62	55.16	47.66
February	66.36	74.84	68.92	73.36	51.15	56.07	57.11	51.53
March	67.43	74.39	81.59	69.57	53.68	58.21	66.37	52.59
April	73.18	84.37	84.02	62.36	58.32	66.22	73.87	43.55
May	79.89	84.82	87.93	63.11	63.49	69.82	69.28	38.51
June	79.72	85.27	90.41	65.66	62.21	63.25	74.81	34.82
July	77.00	83.91	90.09	71.15	57.07	61.37	71.79	32.97
August	75.71	75.75	88.95	64.54	56.84	62.94	71.67	32.41
September	69.09	71.67	81.29	50.41	50.49	58.88	63.88	20.28
October	66.17	72.57	73.73	58.89	49.89	57.20	61.02	31.72
November	59.00	65.32	64.95	55.12	43.03	50.32	47.55	31.78
December	58.10	70.31	62.16	58.53	41.70	55.85	41.30	34.70
YEAR	**69.56**	**75.64**	**78.20**	**63.60**	**53.05**	**59.14**	**62.82**	**37.71**

Note: 5 Yr. = 1997 – 2001.
* Price includes all premiums and bonuses.
SOURCE: Manitoba Agriculture and Food.

CHART 15: Hog Prices by Month, 1981 - 2002



SOURCE: Manitoba Pork, est., Manitoba Agriculture and Food.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

Inventory

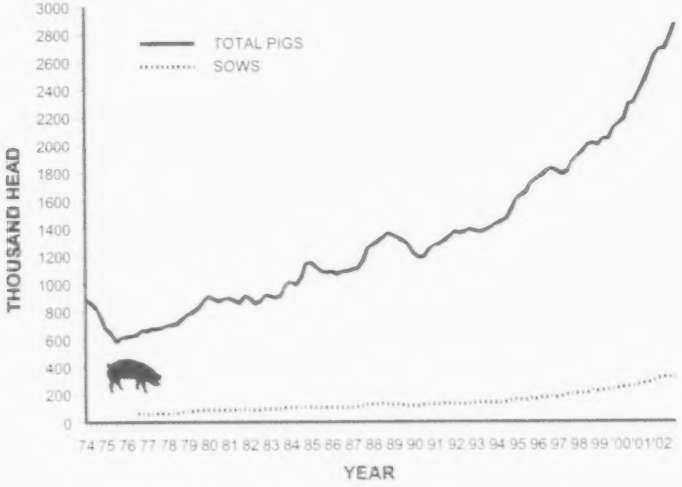
According to Statistics Canada, the total number of pigs on 1,590 Manitoba farms on July 1, 2002 was 2,785,000 head. Market hogs totalled 2,451,300. There were 325,700 sows and bred gilts and 8,000 boars.

TABLE 50: Estimated Pig Numbers on Farms, July 1, 2002

Agricultural Region	Boars	Sows & Bred Gilts	Market Pigs				TOTAL
			Under 20 kg	20 - 60 kg	Over 60 kg	Total	
1	360	15,780	37,510	66,450	54,740	158,700	174,840
2	610	28,400	45,130	44,870	36,960	126,960	155,970
3	340	8,910	23,130	33,430	27,540	84,100	93,350
4	30	440	1,100	4,210	3,470	8,780	9,250
5	60	1,760	5,760	9,110	7,510	22,380	24,200
6	100	1,590	3,570	6,420	5,290	15,280	16,970
7	1,190	56,350	128,080	137,510	113,270	378,860	436,400
8	1,440	46,150	112,870	158,480	130,540	401,890	449,480
9	2,660	127,180	404,470	303,160	249,720	957,350	1,087,190
10	280	8,060	27,950	22,580	18,600	69,130	77,470
11	490	15,490	35,430	49,030	40,380	124,840	140,820
12	440	15,590	34,000	37,850	31,180	103,030	119,060
Province	**8,000**	**325,700**	**859,000**	**873,100**	**719,200**	**2,451,300**	**2,785,000**

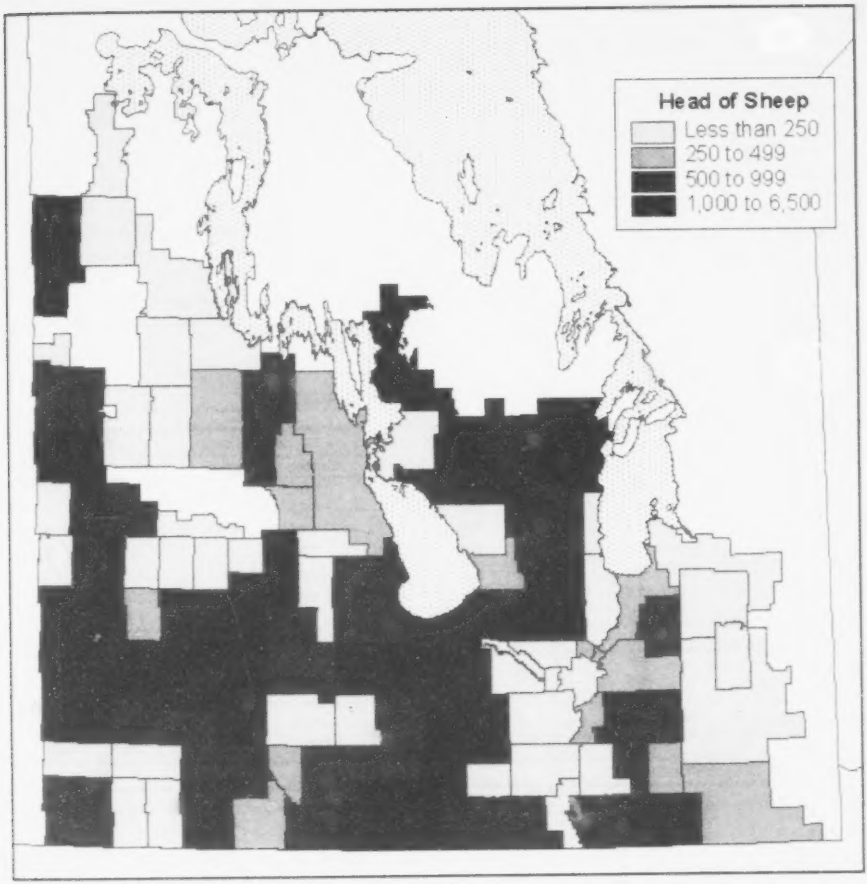
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

CHART 16: Pigs on Farms, 1974 - 2003



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

MAP 12: Total Sheep by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

SHEEP AND LAMBS

Inventory

According to Statistics Canada, the total number of sheep and lambs on 700 Manitoba farms on July 1, 2002 was 78,000 head, of which 37,200 were ewes, 2,000 were rams and 38,800 were lambs. Due partly to the decrease in animals in feedlots, the sheep and lamb inventory on January 1, 2003 was estimated at 74,000 head.

Slaughter and Exports

Supply/disposition balance sheet estimates indicate that live imports of sheep and lambs into Manitoba were about 63,000 head in 2002, while sales of sheep and lambs (including breeding stock) to other provinces were close to 59,000 head. There were 2,717 sheep and lambs slaughtered in provincially-inspected packing plants in Manitoba in 2002 compared with 2,387 in 2001. Over 37,220 sheep and lambs were exported to the U.S. from Manitoba in 2002 up by 29 percent from the 2001 level. Sales of 57,000 Manitoba-produced lambs were valued at about $5.4 million in 2002, up from $5.2 million in 2001.

TABLE 51: Provincially-Inspected Sheep and Lamb Slaughter, 1999-2002

Month	1999		2000		2001		2002	
	Lambs	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs	Sheep
January	80	15	67	41	91	19	137	15
February	82	14	96	12	87	8	160	2
March	189	32	149	2	115	3	150	34
April	95	11	231	4	107	86	129	3
May	78	14	137	25	125	15	135	20
June	113	11	176	3	119	7	206	14
July	188	8	129	16	96	49	134	4
August	137	11	148	37	233	27	289	39
September	266	15	206	15	185	10	115	85
October	166	65	287	9	360	16	254	44
November	236	35	229	2	305	16	403	54
December	183	68	161	5	283	25	261	30
YEAR	**1,813**	**299**	**2,016**	**171**	**2,106**	**281**	**2,373**	**344**

SOURCE: CFIA, Manitoba Health.

Prices

In 2002, the average price for A and B lambs, 43-49 kilograms (95-109 pounds), was $2.07 per kilogram ($94 per hundredweight), a decrease of 3.1 percent from a year earlier, but up by 2.2 percent from 1998 and 1999 levels. Sheep prices averaged $0.86 per kilogram ($39 per hundredweight) for 2002, down by 9.3 percent from 2001.

Wool Production

The total farm value of shorn wool sold or used on farms in 2002 was estimated at $87,000, triple the 2001 value of $28,000. The average price received by producers for wool actually sold or used on farms increased from 50 cents per kilogram (23 cents per pound) in 2001 to 108 cents per kilogram (49 cents per pound) in 2002. Total production including wool used on farms, but excluding wool destroyed or stored, was estimated at 81,300 kilograms (179,200 pounds) in 2002, up from 55,800 kilograms in 2001.

DAIRY

Milk Cows

According to Statistics Canada there were 41,500 milk cows on Manitoba farms on July 1, 2002. Dairy replacement heifers older than one year on farms were estimated at 20,000 head. The actual number of dairy cows producing milk within the supply management (quota) system remained at 34,500 head on December 31, 2002.

Total Milk Supply

Total milk and cream production in the 2003 dairy year (August 1, 2002 to July 31, 2003) was 287.0 million litres for milk sold within the supply management (quota) system up by 0.7 percent from the 2001-2002 level of 285.1 million litres. Milk production was 289.5 million litres in 2000-2001. The 2002 producer price for class 1 milk was $71.18 per hectolitre, up by $6.56 per hectolitre from the price received in 2001. Farm sales of milk and farm-separated cream in calendar-year 2002 amounted to 286.3 million litres, a decrease of 1.1 percent from 2001. Cash receipts for all milk sold off the farm totalled $163.9 million, up by 3.7 percent from the 2001 value of $158.0 million. Supplementary payments of almost $0.3 million were down by 80 percent from the 2001 level of close to $1.3 million. The volume of milk sold for fluid purposes was 110.8 million litres in 2002, a decrease of 1.2 percent from 2001. This represented 38.7 percent of all sales in 2002. By comparison, the volume of milk and cream sold off the farm for industrial use amounted to 175.5 million litres in 2002, representing 61.3 percent of total sales, similar to the 2001 figure.

TABLE 52: Volume of Milk and Cream Sold Off Farm, 1993-2002

	Sold for Fluid Uses	Sold for Industrial Uses		Total Volume of Sales
		Delivered as Milk	Delivered as Cream	
	kilolitres			
1993	113,474	139,505	13,892	266,871
1994	112,988	163,059	5,158	281,205
1995	114,089	164,257	2,493	280,839
1996	115,636	157,399	1,352	274,387
1997	110,368	169,518	1,068	280,954
1998	105,924	179,172	663	285,759
1999	109,928	178,125	406	288,459
2000	112,394	180,981	466	293,841
2001	112,058	177,004	456	289,518
2002	110,773	175,161	335	286,269

SOURCE: Statistics Canada, Cat. No. 23-001XPB

TABLE 53: Cash Receipts from Milk and Cream Sold Off Farm, 1993-2002

	Sold for Fluid Uses	Sold for Industrial Uses		Total Farm Sales	Supplementary Payments	Total Cash Receipts
		Delivered as Milk	Delivered as Cream			
	thousands of dollars					
1993	57,841	54,816	2,493	115,150	8,637	123,787
1994	57,745	68,477	919	127,141	8,442	135,583
1995	58,532	69,732	456	128,720	7,919	136,639
1996	132,141		245	132,386	6,537	138,923
1997	140,240		190	140,430	4,528	144,958
1998	145,821		124	145,945	3,965	149,910
1999	152,211		77	152,288	3,137	155,425
2000	153,941		88	154,029	2,167	156,196
2001	157,913		86	157,999	1,276	159,275
2002	163,861		63	163,924	258	164,182

SOURCE: Statistics Canada, Cat. No. 23-001XPB, Cat. No. 21-603

Milk & Cream Sales by Dairies

Of the 94.7 million litres of fluid milk sold by Manitoba dairies in 2002, 12.2 percent was standard (homo) milk, 43.5 percent was 2%, 29.9 percent was 1% and 14.4 percent was skim milk. Over 2.2 million litres of cereal and whipping cream were sold in 2002.

Cheese Production

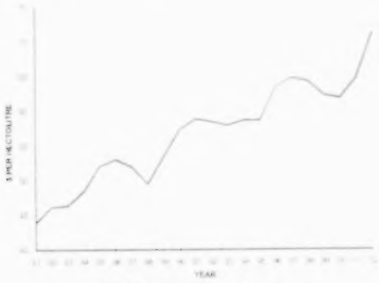
Cheddar cheese production in 2002 was 5,927 tonnes, a decrease of 21.1 percent from 7,513 tonnes in 2001. Variety cheese production amounted to a record 8,140 tonnes in 2002, a rise of 16.1 percent from 7,011 tonnes in 2001.

TABLE 54: Dairy Factory Production by Month, 2002

Month	Fluid Milk				Cereal Cream	Whipping Cream	Cheddar Cheese	Variety Cheese
	Standard	2%	1%	Skim				
	kilolitres						tonnes	
January	1,014	3,596	2,457	1,158	167	112	365	877
February	899	3,248	2,203	1,051	155	122	450	618
March	989	3,537	2,449	1,183	178	133	524	565
April	965	3,461	2,379	1,148	167	127	547	659
May	986	3,511	2,439	1,189	178	141	554	658
June	904	3,180	2,188	1,079	162	130	268	837
July	920	3,240	2,211	1,059	200	152	597	540
August	976	3,504	2,367	1,123	222	170	678	535
September	930	3,368	2,300	1,125	175	129	580	570
October	1,006	3,608	2,491	1,171	191	126	475	780
November	998	3,497	2,414	1,195	216	104	387	746
December	986	3,453	2,377	1,126	202	137	502	755
YEAR	**11,573**	**41,203**	**28,275**	**13,607**	**2,213**	**1,583**	**5,927**	**8,140**

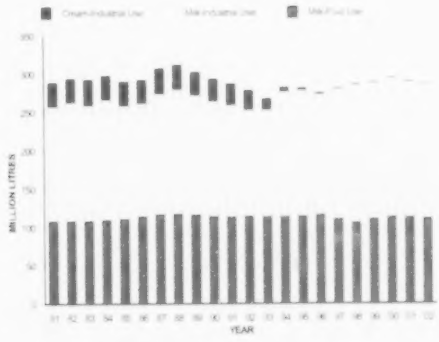
SOURCE: Statistics Canada, Cat. No. 23-001XPB.

CHART 17: Producer Price for Class 1 Milk, 1981 – 2002



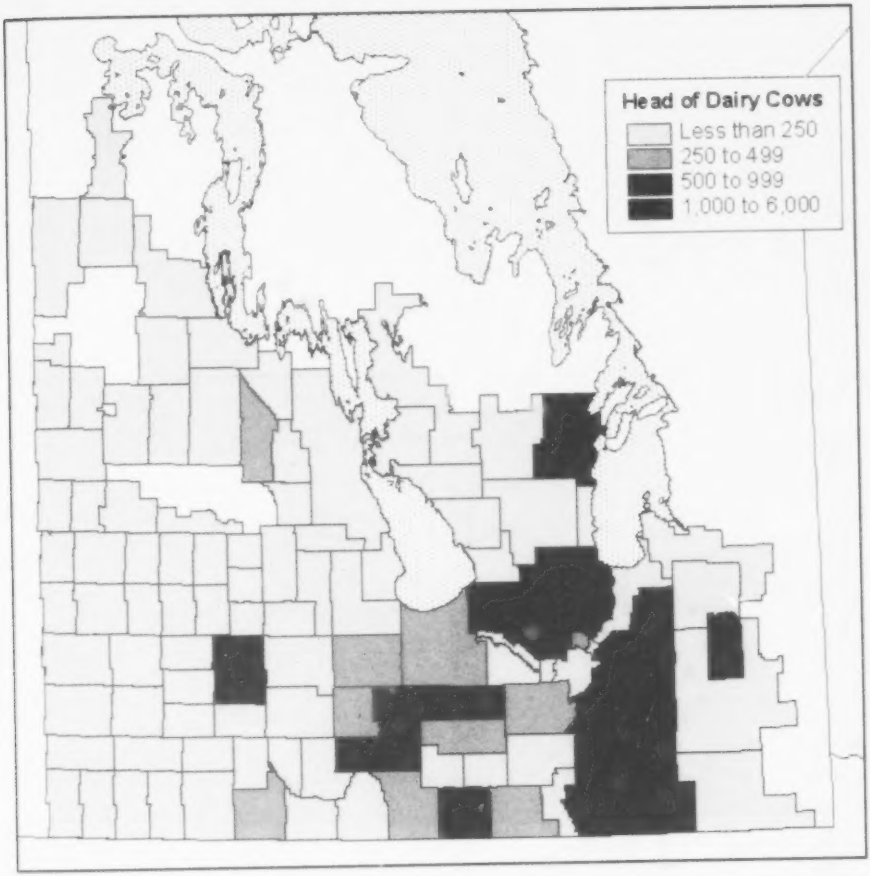
SOURCE: Manitoba Milk Producers
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

CHART 18: Farm Sales of Milk and Cream, 1981 – 2002



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

MAP 13: Total Milk Cows by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

POULTRY

Production

The production value of poultry meat and eggs increased by 3.7 percent to an estimated $178.7 million in 2002. About 3.1 million layers produced an average of 28,000 eggs per 100 birds in 2002. The number of eggs sold for the regular commercial markets was up by 4.6 percent. There were an additional 16.9 million dozen eggs produced under Special Market Development quota and Eggs for Processing quota. The value of eggs for consumption increased by 11.8 percent to $82.3 million mainly due to the higher prices for table eggs in 2002. The value of chicken and turkey hatching eggs rose by 19.3 percent due mainly to more eggs and higher prices for turkey hatching eggs. The value of broiler chicken meat declined by 5.9 percent to $60.6 million due to a decrease in marketings of heavier broilers (1.2-2.6 kg live). The value of turkey meat rose by 2.8 percent, to $17.6 million in 2002 due to increased sales of broilers and toms.

TABLE 55: Summary of Poultry Production, 2001, 2002

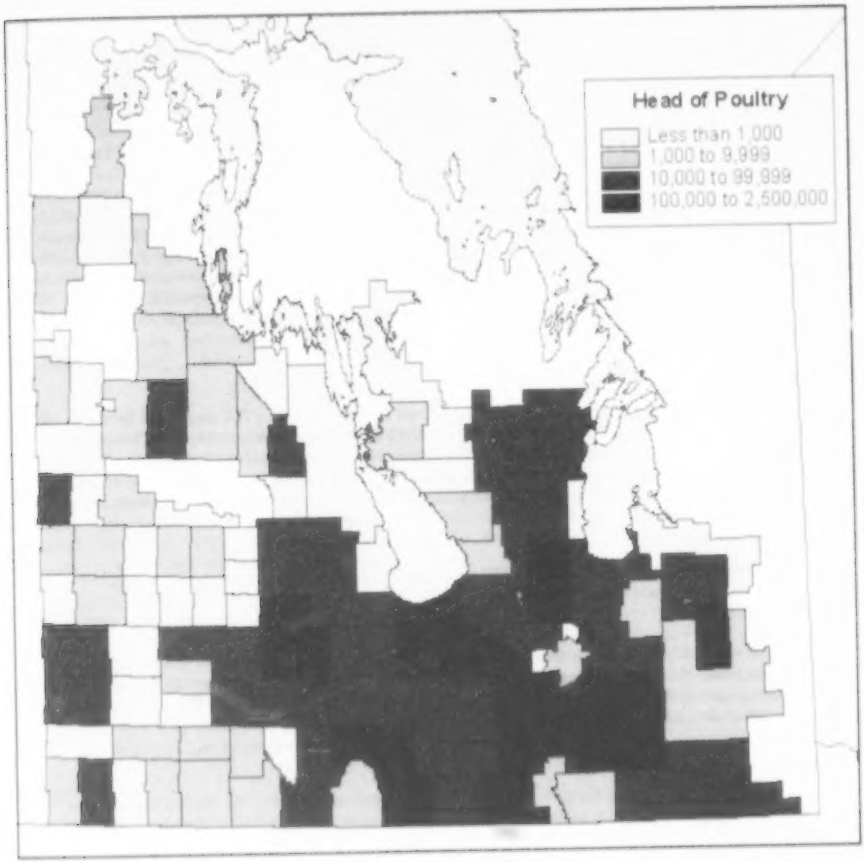
EGGS	2001[R] Dozen 000	Price* $/doz	Value $000	2002[P] Dozen 000	Price* $/doz	Value $000
Sold for regular commercial markets	52,330	1.24	64,900	54,750	1.345	73,650
Eggs for processing/special market development	17,000	0.50	8,500	16,900	0.50	8,450
Used on farms	170	1.20	200	170	1.20	200
	69,500		**73,600**	**71,820**		**82,300**
Hatching (chickens)	2,190	3.65	8,000	2,530	3.65	9,200
Hatching (turkeys)	760	11.40	8,700	760	10.80	8,200
TOTAL EGG VALUE	**72,450**		**90,300**	**75,110**		**99,700**
MEAT	**Birds 000**	**Price* $ ea**	**Value $000**	**Birds 000**	**Price* $ ea**	**Value $000**
Broiler Chicken**						
Broilers (under 1.2 kg live)	0	1.44	0	0	1.34	0
Broilers (1.2-2.6 kg live)	27,657	2.30	63,610	26,727	2.24	59,870
Roasters (over 2.6 kg live)	72	4.50	320	71	4.00	280
Used on Farms	200	2.00	400	200	2.00	400
	27,929		**64,330**	**27,000**		**60,550**
Turkey						
Broilers	194	8.30	1,610	276	8.36	2,310
Hens	611	11.08	6,770	480	11.07	5,310
Toms	505	17.23	8,700	577	17.21	9,930
	1,310		**17,080**	**1,330**		**17,550**
Geese	60	9.60	575	59	14.40	850
Ducks	12	4.50	55	11	4.50	50
TOTAL MEAT VALUE	**29,311**		**82,040**	**28,400**		**79,000**
TOTAL POULTRY PRODUCTION	**101,761**		**172,340**	**103,510**		**178,700**

* Includes levies.
** Includes unregistered production.
SOURCE: Statistics Canada, Census of Agriculture 2001, Manitoba Agriculture and Food, Manitoba Chicken Producers, Manitoba Egg Producers, Manitoba Turkey Producers, Manitoba Broiler Chicken Hatching Egg Commission.

Inventory

The 2001 Census of Agriculture indicated 1,628 producers had 7.9 million hens and chickens on farms on May 15, 2001. 198 farms had 694,200 turkeys and 172 farms had 11,740 ducks, while 138 farms had 59,620 geese. Manitoba poultry farms, including 172 registered egg production operations, 66 registered turkey operations and 124 registered broiler chicken farms, had 3.1 million hens, 0.7 million turkeys and 3.9 million broiler chickens on farms respectively at July 1, 2002.

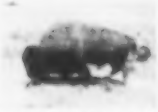
MAP 14: Total Poultry by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

OTHER LIVESTOCK

Bison



According to industry estimates, there were 180 bison producers in Manitoba, of which most were commercial producers with a few hobbyists. The provincial bison herd totalled 15,000 animals in mid-2002, including 10,000 breeding animals. The breeding herd has been increasing at about 20 percent per year for the past three years. About 4,000 feeder bulls were fed on a grain/grass ration, of which 1,775 head were sold for slaughter in 2002. Of these, 1,232 finished bulls went to the North American Bison Co-operative plant. There were 543 bison killed in Manitoba plants in 2002 and approximately 400 killed on farms for meat. About 1,550 bison were brought into the province during the year, while 200 head were shipped to other provinces. It is estimated that about 7,800 calves were produced in the province in 2002. The demand for breeding stock decreased in 2002 with most of the female calves produced being retained for breeding. Breeding stock prices dropped from one-half to one-fifth of the 2001 level. Bred cow prices fell to about $400 in 2002, while female calf prices declined to $300 per head. Bull calves and 2-year old bulls for breeding were valued at about $250 and $1,500 per head respectively. The value of bison production in Manitoba was estimated at about $2.5 million in 2002, down from $6 million and $14 million in 2001 and 2000 respectively.

Deer & Elk

Manitoba producers had approximately 3,730 elk on 86 farms and 730 deer on 5 farms in 2002. This included 600 fallow deer, 80 white-tailed deer and 50 other deer. Elk numbers increased by 11 percent from 2001, while deer numbers fell by 24 percent. There were 58 deer and 43 elk slaughtered in inspected facilities in the province and 42 deer exported to the United States in 2002. The value of elk and deer production was estimated at about $1.8 million in 2002, double the 2001 value.

Goats

There were about 13,000 goats on 511 farms in 2002. One large commercial dairy goat producer with over 340 goats and 25 smaller producers with a total of 130-140 dairy goats produced 116 klitres of goat milk in 2002, most of which was sold as fluid milk with smaller amounts used for cheese production.

There were 250 meat goats killed in Manitoba plants in 2002, about 7,000 goats were shipped to Ontario and Quebec for breeding stock and slaughter and 2,000 breeding goats valued at $235,000 were exported to the United States. An estimated 7,000 goats were killed on Manitoba farms for or by customers. Goat meat and milk sales were valued at about $1.3 million in 2002.

Horses

The 2001 Census of Agriculture indicated 3,730 farms reported 62,791 horses and ponies. This figure represents a decrease of 9 percent over the 1996 Census figure of 68,783 head. During the 2001/2002 season, 248 farms supplied pregnant mares' urine from 21,100 production mares for a gross value of $52,061,490. Improved demand resulted in an increase to 25,700 production mares on 248 farms and an estimated gross value of $61,294,270 in 2002/2003.

The PMU industry in Manitoba also produced about 21,000 foals in 2002, some of which were used for replacement mares or marketed as breeding stock, some sold as pleasure animals or ranch stock with the remainder sold to feedlots or exported.

In 2002, the province exported 2,393 horses of all types worth $3.5 million to the U.S., about 3,500 to Ontario and about 10,800 to Alberta. It is estimated that about 30-40 percent of foals end up in feedlots. Only 10 horses were processed in Manitoba plants. The value of horse sales in 2002 was estimated at $23 million.

Llamas and Alpacas

According to the 2001 Census of Agriculture, there were 511 llamas and alpacas on 106 farms kept for breeding purposes, fibre production or as pets. This was an increase of 57 farms and 315 llamas and alpacas since 1996. In 2002, Canadian National Livestock Records listed 41 registered llamas and alpacas in Manitoba. Llamas generally are raised and sold as breeding stock, pets and as guard animals for sheep, but can be used for trekking/packing and in 4-H events. Llamas produce fibre which is made into yarn. A large herd consisted of about 30 llamas whereas smaller herds had one-four animals, usually found on petting farms or as pets. Breeding animals sold for $500-2,000 each.

The registered alpacas are the Huacaya variety. The industry is comprised mainly of animals kept or sold for pets, breeding and fibre. Alpaca fibre is valuable and in demand. Male alpacas were sold for $1,000-10,000, with some sales as high as $40,000. Female breeding stock sold for $5,000-15,000 each with some animals valued up to $20,000.

Rovings, a small mill near Dugald, processes wool, fibre and hair, on a custom or commercial basis. Rovings imports raw material from all over North America and exports yarn and finished products throughout North America. The price of alpaca fibre is about $50/lb or $110/kg, while llama fibre is about $45/lb or $99/kg. Fibre from one alpaca is worth $400-700. The value of llama and alpaca production was estimated at $0.7 million in 2002.

Ostriches

According to the 2001 Census, there were 15 producers with 295 ostriches in the province, of which about 50-100 were breeding pairs. The size of the industry is estimated to have remained stable in 2002. Most of the chicks produced are being sold for slaughter. In 2002, 94 ostriches with an average carcass weight of 61 kilograms (135 pounds), valued at $550 per bird, were slaughtered in Manitoba plants. Ostrich meat sold for $12-15/lb. The average price of breeding stock was $2,250/bird for yearlings and $2,000+/bird for proven breeding trios in 2002. The price of 3-month feeder chicks was $120 each; fertilized eggs were in the $20-30 range, while prices for unfertilized eggs for the novelty industry were about $12 each. Green hides were worth $100-150 each. Manitoba ostriches and ostrich meat are sold across Canada. In 2002, 400 two-year old birds were exported to South America and 200 were exported to Iran. These birds came from farms in Manitoba, Saskatchewan and Alberta. Ostrich meat, leather and products were exported to the United States, Mexico, South America and Asia. The value of ostrich production in 2002 was over $1.5 million.

Emus

The 2001 Census showed 31 producers with 658 emus on Manitoba farms, down from 3,200 birds in 1996. In 2002, there were approximately 5-6 active producers who marketed 150-200 birds through the Western Provincial Co-op. Sales have shifted from predominately breeding stock to commercial sales for meat. Week-old birds were worth about $200 in 2002, two-year old birds, $1,500/pair and proven breeders, $3,000/pair. Emu meat was sold for $5-10/lb, while emu oil was valued at $10+/oz in 2002. Craft items are also produced from emu feathers, leather and egg shells. The value of emu sales was estimated at about $0.3 million in 2002.

Pheasants

There were 16 pheasant producers in Manitoba with 30,465 pheasants according to the 2001 Census of Agriculture. In 2002, about 20,240 birds were exported to the U.S. and 58,500 chicks were imported. There was one major producer who imported day old chicks from the U.S. and raised the birds for meat, sport and show purposes. No pheasants were slaughtered in the province in 2002. Pheasant meat was exported to the U.S. and Japan via a plant in Ontario. Birds are valued at $8-10/bird. Total sales of pheasants were valued at about $0.5 million in 2002.

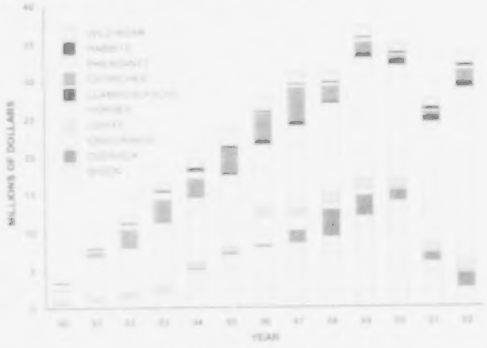
Rabbits

The 2001 Census of Agriculture reported a total of 99 rabbit farms with a rabbit population of 11,902. Manitoba produced 40,000-50,000 slaughter rabbits in 2002. The majority of rabbits were sold to the U.S. primarily for meat but also for medical and industrial purposes. Canadian prices were approximately $1.20/lb and rabbits weighed 5-7 pounds. About 2,230 rabbits were killed in inspected facilities in the province, while the balance were slaughtered on farms or sold to other provinces. Rabbit sales were valued at about $0.4 million in 2002.

Wild Boars

According to the 2001 Census of Agriculture, Manitoba had 56 wild boar producers with 3,285 animals in 2001, down from 7,560 head five years earlier. There were approximately 3,000-4,000 animals in Manitoba in 2002. Wild boar are used for meat and are also exported for hunting. There were 505 boars killed in Manitoba packing plants during the year. In 2002, 4,042 wild boars were shipped to the United States and approximately 300 to eastern Canada in 2002. Some producers marketed their animals through the Wild Boar Co-op in Saskatchewan. The value of wild boar sales for slaughter, breeding and hunting was estimated at $1.4 million in 2002.

CHART 19: Value of Production of Other Livestock, 1990-2002



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

OTHER PRODUCTS

FURS: FARM-RAISED AND WILDLIFE

The 2001 Census of Agriculture showed 9 farms with 270 foxes, 17 farms with 50,130 mink and 22 farms with 5,840 chinchillas. Pelts were obtained from both fur farms and wildlife sources. In 2002, 28,660 pelts were produced, 60 fox pelts valued at $3,472 produced on 7 fox farms and 28,600 mink pelts valued at $1,148,016 produced on 11 mink farms. In 2001, 12 mink farms produced 35,500 mink pelts valued at $1,628,851, while 150 fox pelts valued at $7,452 were produced by 6 farms.

Wildlife pelts totalled 110,470 in 2001/2002, an increase of 8.3 percent from 2000/2001 and about 27 percent of the number in the peak-value year, 1986/87. The rise in pelt sales was offset by lower average prices for fur reducing the 2001/2002 market value to $2,440,022, 11.9 percent below the previous year's level.

The total number of farm and wildlife pelts in 2001/2002 was up by 6.1 percent from 2000/2001 with the overall fur value showing a decrease of 7.2 percent.

TABLE 56: Fur Sales, 1997/98 to 2002/03

	1997	1998	1999	2000	2001	2002[P]
Fur Farms:						
Fox:						
Pelts	420	320	320	180	150	60
Value	$33,903	$16,017	$15,781	$8,782	$7,452	$3,472
Number of Farms	7	6	5	6	6	7
Mink:						
Pelts	41,600	37,800	28,200	35,500	35,500	28,600
Value	$1,740,338	$1,160,656	$1,197,237	$1,615,927	$1,628,851	$1,148,016
Number of Farms	11	11	9	10	12	11
TOTAL PELTS	**42,020**	**38,120**	**28,520**	**35,680**	**35,650**	**28,660**
TOTAL VALUE	**$1,774,241**	**$1,176,673**	**$1,213,018**	**$1,624,709**	**$1,636,303**	**$1,151,488**
	1997/98	1998/99	1999/2000	2000/2001	2001/2002	2002/2003
Wildlife:						
Pelts	208,766	100,820	97,022	102,003	110,470	NA
Value	$3,306,965	$2,037,022	$1,967,405	$2,769,982	$2,440,022	NA
TOTAL FURS:						
Pelts	**250,786**	**138,940**	**125,542**	**137,683**	**146,120**	**NA**
Value	**$5,081,206**	**$3,213,695**	**$3,180,423**	**$4,394,691**	**$4,076,325**	**NA**

SOURCE: Statistics Canada, Livestock Statistics, Cat. No. 23-603E

HONEY AND ALFALFA LEAFCUTTING BEES

Honey Bees

Despite what would be considered a relatively mild winter, colony losses and the number of weak colonies this spring was higher than normal. Many beekeepers experienced greater colonly losses in the spring than they did all winter.

Unfavourable weather conditions (either too wet or too dry) across the province during the early honey flow period resulted in a shortened season for many beekeepers. Few beekeepers reported very large crops, but few beekeepers reported very small crops. In spite of the size of the crop, most beekeepers will be earning the highest income per colony they have ever seen.

TABLE 57: Honey Prices and Production, 2000 - 2002

	2000	2001	2002
Number of Beekeepers	860	800	800
Number of Colonies	95,000	92,000	87,000
Honey:			
Average kg/hive	64	77	75
Average lb/hive	140	170	165
Total Production – tonnes	6,033	7,094	6,511
Total Production – '000 lb	13,300	15,640	14,355
Price $/kg	1.65	2.36	4.41
Price $/lb	0.75	1.07	2.00
TOTAL VALUE	**$9,975,000**	**$16,740,000**	**$28,710,000**
Beeswax:			
Production – tonnes	88.5	106.4	97.7
Production – '000 lb	195	234.6	215.3
Price $/kg	3.97	4.41	4.08
Price $/lb	1.80	2.00	1.85
TOTAL VALUE	**$351,000**	**$469,000**	**$398,500**
TOTAL VALUE HONEY AND BEESWAX	**$10,326,000**	**$17,209,000**	**$29,108,500**

SOURCE: Statistics Canada, Cat. 23-221XIB; Manitoba Agriculture and Food.

Alfalfa Leafcutting Bees

Although the summer of 2002 initially looked like it was going to be a good year, overall it will be considered an average production year. Similar to the year before, the high humidity during July directly affected crop pollination and bee production. Estimated bee production in 2002 was up slightly over the previous year, mainly due to higher stocking rates of pollinators in the fields (30,000 bees per acre). Low export demand for bees has forced many producers to increase the number of bees used per acre to make use of the excess bees that were not marketed in 2001.

TABLE 58: Production of Leafcutting Bees and Alfalfa Seed, 2000 - 2002

	2000	2001	2002
Number of Leafcutting Beekeepers	170	170	172
Number of Leafcutting Bees (million)	1,839	1,912	2,231
Price of Leafcutting Bees (per bee)	$0.003	$0.0008	$0.0018
TOTAL VALUE OF BEES	**$5,517,000**	**$1,530,000**	**$4,015,800**
Alfalfa Seed – ha	16,115	16,256	17,200
Alfalfa Seed – ac	39,820	40,173	42,500
Alfalfa Seed Production – tonnes	4,533.5	4,737.9	4,179.8
Alfalfa Seed Production – '000 lb	9,994.6	10,445.0	9,215.0
Price $/kg	$2.00	$1.30	$2.10
Price $/lb	$0.91	$0.59	$0.95
TOTAL VALUE OF SEED PRODUCED	**$9,067,000**	**$6,162,000**	**$8,773,000**
TOTAL VALUE OF BEES AND SEED	**$14,584,000**	**$7,692,000**	**$12,788,800**

NOTE: Statistics reflect total alfalfa seed production (pedigreed and common).
SOURCE: Manitoba Agriculture and Food and Manitoba Crop Insurance Corporation.

RESOURCES

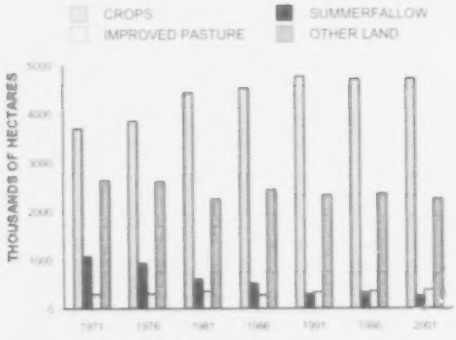
LAND AND FARMS

TABLE 59: Land Use by Area, 2001

Agricultural Region	IMPROVED LAND				Unimproved Pasture	All Other Land	TOTAL LAND
	Crops	Fallow	Pasture	Total			
	000 hectares						
1	518.1	24.0	35.0	577.2	107.6	35.9	720.7
2	527.1	30.6	52.1	609.8	165.0	62.0	836.7
3	483.9	46.1	41.2	571.2	137.2	90.1	798.4
4	205.6	19.0	36.0	260.6	65.4	42.4	368.4
5	200.1	9.7	25.3	235.1	56.1	31.4	322.7
6	386.1	21.8	47.5	455.4	313.8	90.6	859.7
7	675.5	24.2	41.5	741.3	123.5	50.6	915.5
8	754.9	17.1	25.3	797.3	76.7	44.6	918.5
9	341.4	23.9	16.7	382.1	64.4	36.4	482.8
10	83.2	8.0	7.5	98.6	55.2	26.9	180.8
11	237.1	12.1	12.4	261.7	68.8	19.5	350.0
12	301.8	19.1	43.0	363.9	346.7	137.0	847.6
PROVINCE	**4,714.8**	**255.7**	**383.5**	**5,354.0**	**1,580.4**	**667.4**	**7,601.8**
	000 acres						
1	1,280.3	59.4	86.4	1,426.2	265.9	88.7	1,780.8
2	1,302.4	75.7	128.6	1,506.7	407.7	153.2	2,067.5
3	1,195.7	113.9	101.9	1,411.4	339.0	222.6	1,973.0
4	508.1	47.0	88.9	644.0	161.5	104.8	910.3
5	494.5	24.0	62.6	581.0	138.7	77.6	797.3
6	954.0	53.9	117.3	1,125.2	775.3	223.9	2,124.4
7	1,669.3	59.8	102.7	1,831.7	305.3	125.2	2,262.1
8	1,865.4	42.1	62.5	1,970.1	189.6	110.1	2,269.8
9	843.7	59.1	41.4	944.2	159.1	89.9	1,193.1
10	205.5	19.8	18.4	243.7	136.4	66.5	446.7
11	586.0	29.9	30.7	646.6	170.0	48.2	864.8
12	745.7	47.2	106.3	899.3	856.7	338.5	2,094.5
PROVINCE	**11,650.6**	**631.9**	**947.6**	**13,230.1**	**3,905.2**	**1,649.1**	**18,784.4**

SOURCE: Statistics Canada, Census of Agriculture.

CHART 20: Land Use, 1971 – 2001



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

FARM NUMBER, SIZE, TYPES

The 2001 Census, taken on May 15th, defines a census farm as a farm, ranch or other agricultural holding with sales of agricultural products.

In 2001, the total number of farms in Manitoba was 21,071, a 13.6 percent decline from 1996. Each farm averaged 361 hectares (891 acres). Almost 54 percent of Census farms reported sales over $50,000 in 2000, while 37 percent had sales over $100,000.

TABLE 60: Size and Number of Farms, 2001

Agricultural Region	Census Farms			Number of Census Farms (with sales ≥ $50,000)			Number of Census Farms (with sales ≥ $100,000)		
	Number	Average Size ha	Average Size ac	Number	% of Farms	% of all Farms	Number	% of Farms	% of all Farms
1	1,556	463	1,144	970	8.6	4.6	664	8.6	3.2
2	2,138	391	967	1,219	10.8	5.8	793	10.2	3.8
3	1,907	419	1,035	1,090	9.7	5.2	710	9.2	3.4
4	921	400	988	479	4.2	2.3	296	3.8	1.4
5	885	365	901	431	3.8	2.0	282	3.6	1.3
6	1,812	474	1,172	880	7.8	4.2	540	7.0	2.6
7	2,509	365	902	1,518	13.5	7.2	1,093	14.1	5.2
8	3,021	304	751	1,951	17.3	9.3	1,451	18.7	6.9
9	2,485	194	480	1,205	10.7	5.7	943	12.2	4.5
10	688	263	649	210	1.9	1.0	152	2.0	0.7
11	1,369	256	632	547	4.9	2.6	371	4.8	1.8
12	1,780	476	1,177	775	6.9	3.7	453	5.8	2.1
PROVINCE	**21,071**	**361**	**891**	**11,275**	**100.0**	**53.5**	**7,748**	**100.0**	**36.8**

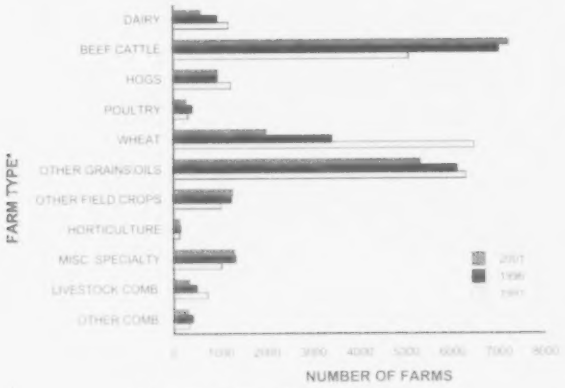
SOURCE: Statistics Canada, Census of Agriculture.

TABLE 61: Farms with Total Gross Receipts of $2,500 or More, by Farm Type, 1971 – 2001

Farm Types	1971	1976	1981	1986	1991	1996	2001
	number of farms reporting						
Dairy	1,616	1,639	1,803	1,412	1,195	946	600
Cattle (beef)	5,494	5,186	5,679	4,682	5,071	7,018	7,232
Hogs	2,287	821	1,011	1,111	1,242	946	968
Poultry	520	285	409	356	311	401	284
Wheat	2,738	7,407	6,105	6,272	6,479	3,407	2,007
Other Grains & Oilseeds	7,249	9,127	8,533	8,758	6,303	6,110	5,325
Other Field Crops	377	275	498	415	1,032	1,248	1,276
Fruit	4	...	24	47	73	85	72
Vegetables	61	...	60	53	69	65	62
Miscellaneous Specialty	262	274	592	731	1,041	1,334	1,318
Livestock Combination	3,452	1,465	1,152	615	727	489	355
Other Combination	1,304	...	651	810	340	407	319
Total	**25,364**	**26,479**	**26,517**	**25,262**	**23,883**	**22,456**	**19,818**

SOURCE: Statistics Canada, Census of Agriculture.

CHART 21: Farms Classified by Farm Type, 1991, 1996, and 2001



* 51% or more of product sales from specified type.
SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 62: Percent of Farms with Crops and Livestock, 2001

Agricultural Region	CROPS					LIVESTOCK			
	Wheat	Oats	Barley	Flax	Canola	Cattle	Hogs	Sheep	Chickens
1	59	32	36	21	40	62	5	4	5
2	48	32	37	17	33	60	5	4	6
3	56	30	43	14	43	59	5	5	7
4	46	35	32	6	37	64	4	6	7
5	52	28	19	4	39	51	6	3	7
6	40	36	30	8	30	64	5	3	7
7	49	40	26	18	32	52	7	3	7
8	61	28	31	22	40	42	14	3	7
9	30	26	19	9	17	41	16	3	14
10	18	24	15	4	10	51	9	4	14
11	39	31	24	9	20	45	6	4	9
12	21	21	19	6	13	66	4	3	6
PROVINCE	**45**	**31**	**29**	**13**	**30**	**54**	**8**	**3**	**8**

SOURCE: Statistics Canada, Census of Agriculture.

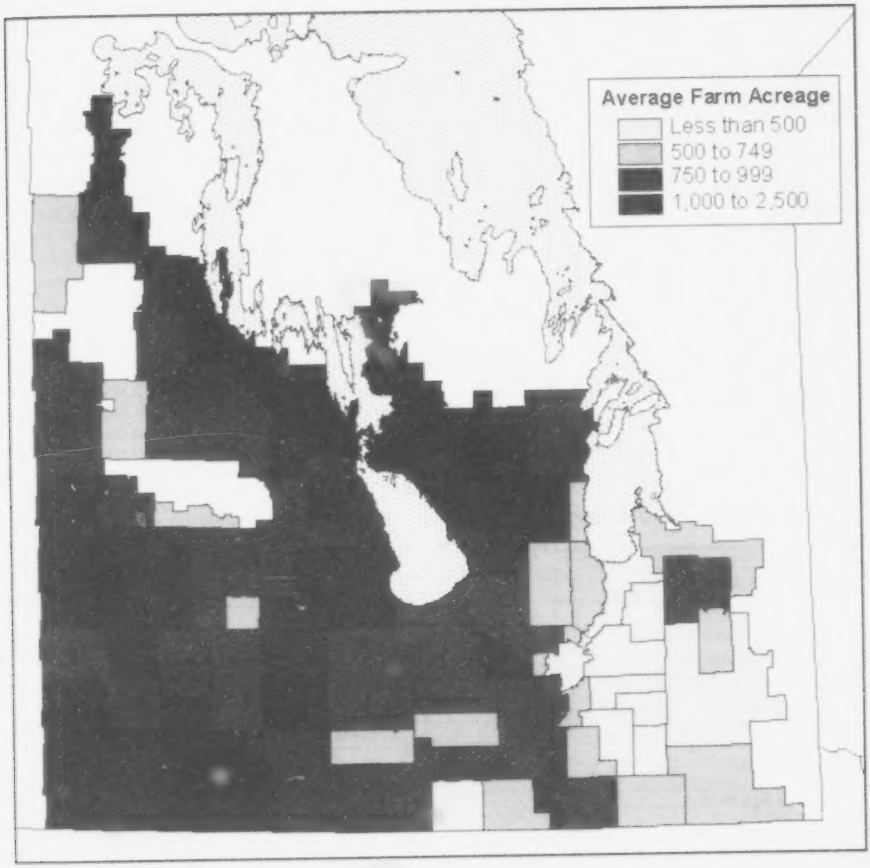
TENURE

TABLE 63: Farms Classified by Tenure of Operator, 1996, 2001

	1996			2001		
	No. of Operators	TOTAL		No. of Operators	TOTAL	
		Hectares	Acres		Hectares	Acres
Owner	23,036	4,928,736	12,179,174	20,031	4,747,047	11,730,210
Renter/Lessee	12,125	2,803,402	6,927,357	10,708	2,854,731	7,054,197
From Government	3,109	891,817	2,203,727	2,495	836,804	2,067,789
Rented/Leased from Others	10,435	1,911,585	4,723,630	8,695	1,800,033	4,447,979
Area Crop-shared from Others				1,602	217,894	538,429
TOTAL	**24,383**	**7,732,138**	**19,106,531**	**21,071**	**7,601,779**	**18,784,407**

SOURCE: Statistics Canada, Census of Agriculture.

MAP 15: Average Farm Size by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

PEOPLE

Population

The farm population reached 79,840 or 7.2 percent of Manitoba's total population in 1996, an increase of 0.7 percent from 1991, when there were 79,280 people on Manitoba farms.

Of the 21,071 farms in 2001, 12,322 or 58.5 percent were operated as individual or family holdings with no operating arrangement, while 8,330 or 39.5 percent were family partnerships or corporations. Non-family corporations and other arrangements, such as institutions, colonies or community pastures totalled 419 or 2.0 percent.

There were 28,800 farm operators managing Manitoba's farms in 2001, of which 22.6 percent were female. Over 64 percent of farm operators were involved only in farming or agricultural-related occupations in 1996, while the remainder had a non-agricultural occupation.

About 13.4 percent of Manitoba farm operators were under 35 years of age in 2001, 53.7 percent were 35-54 years, while 32.8 percent were 55 years and over. In 1996, 31 percent of operators were 55 years or older, while in 1991 the percentage was 32.3 percent.

About 83.1 percent of Manitoba farm operators were married in 1996 compared to 84.5 percent in 1991.

In 1996, the top four languages reported as mother tongue by Manitoba farm operators were English (70 percent), German (14 percent), Ukrainian (6 percent) and French (6 percent). On average, in 1996, Manitoba farmers had 11.2 years of schooling compared to farmers in 1991 who had 10.8 years of schooling. More than 34 percent of farmers had post-secondary education in 1996, up from 30 percent in 1991. In general, female farm operators had more years of post-secondary education than their male counterparts.

TABLE 64: Farm Operators by Selected Characteristics, 1971-2001

Characteristics	1971	1976	1981	1986	1991	1996	2001
	number of farm operators						
Occupation							
Farmers & Farm Managers	Not available.			18,910	20,545	N.A.	N.A.
Other Agricultural Occupation				1,165	3,180		
Total Primary Farm Operators	**Not available.**			**20,075**	**23,725**	**21,420**	
Total Secondary Farm Operators				**7,260**	**11,055**	**11,890**	
ALL FARM OPERATORS*	**34,981**	**32,104**	**29,442**	**27,335**	**34,780**	**33,300**	**28,800**
Male	Not available.			26,465	27,005	26,100	22,300
Female				870	7,775	7,200	6,500
Under the Age of 35	**5,570**	**6,880**	**7,228**	**6,330**	**7,190**	**5,920**	**3,860**
Male	Not available.			6,150	5,580	4,580	2,990
Female				185	1,605	1,330	870
35 – 54 Years of Age	**17,773**	**14,916**	**13,261**	**11,860**	**16,290**	**17,030**	**15,480**
Male	Not available			11,505	12,270	12,960	11,640
Female				355	4,020	4,070	3,840
55 Years and Over	**11,638**	**10,308**	**8,953**	**9,140**	**11,300**	**10,340**	**9,460**
Male	Not available.			8,810	9,155	8,550	7,660
Female				325	2,145	1,790	1,800
Average Age of Operators	**48.4**	**47.2**	**46.3**	**47.2**	**47.4**	**47.7**	**48.8***
Male	Not available.				47.7	48.1	49.1*
Female					46.3	46.0	47.7*

* Prior to 1991 primary farm operators only.

NOTE: Totals may not add due to method of estimation.

SOURCE: Statistics Canada, Censuses of Agriculture and Population.

TABLE 64: Farm Operators by Selected Characteristics continued

Characteristics		Total Farm Operators	Farm Operators with an Agricultural Occupation			Farm Operators with a Non-Agricultural Occupation		
			Total	Male	Female	Total	Male	Female
1991 (number)		34,780	23,720	19,845	3,870	11,060	7,085	3,985
1996 (number)		33,300	21,420	17,990	3,435	11,885	8,165	3,720
1991	Under 35 years of age (%)	20.4	18.5	19.1	15.5	24.5	23.6	26.1
	35 to 54 years of age (%)	47.3	44.7	43.1	53.0	52.8	53.4	51.9
	55 years of age and over (%)	32.3	36.8	37.8	31.5	22.6	23.0	22.0
	Average age (years)	**47.3**	**48.7**	**48.9**	**47.6**	**44.3**	**44.4**	**44.0**
1996	Under 35 years of age (%)	17.8	15.1	15.3	14.4	22.5	23.3	20.7
	35 to 54 years of age (%)	51.2	47.6	46.9	51.2	57.8	55.8	62.2
	55 years of age and over (%)	31.0	37.2	37.7	34.4	19.7	20.9	17.1
	Average age (years)	**47.6**	**49.6**	**49.8**	**48.7**	**43.9**	**43.9**	**43.9**
1991	Single (%)	11.1	12.5	14.6	1.7	8.0	11.5	2.0
	Married/common-law (%)	84.5	83.2	81.2	93.4	87.2	84.9	91.2
	Separated (%)	0.8	0.8	0.9	0.0	0.8	1.0	0.5
	Divorced (%)	1.3	1.4	1.6	0.4	1.2	1.6	0.5
	Widowed (%)	2.4	2.2	1.7	4.7	2.7	1.0	5.8
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1996	Single (%)	11.7	13.0	15.0	2.5	9.4	12.9	1.6
	Married/common-law (%)	83.1	81.5	80.2	88.5	85.9	82.7	92.9
	Separated (%)	1.2	1.2	1.2	1.2	1.1	1.2	0.8
	Divorced (%)	1.8	1.6	1.9	0.1	2.2	2.6	1.3
	Widowed (%)	2.2	2.7	1.7	7.7	1.5	0.6	3.2
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1991	English (%)	66.8	65.5	65.4	66.2	69.4	68.4	71.4
	French (%)	5.8	5.7	5.8	5.2	5.9	5.2	7.2
	German (%)	13.6	14.8	14.6	15.5	11.2	11.2	11.3
	Ukrainian (%)	8.0	7.9	8.2	6.3	8.0	8.8	6.7
	Dutch (%)	1.4	1.5	1.4	2.3	1.0	1.2	0.8
	All Others (%)	4.5	4.5	4.6	4.4	4.4	5.2	3.0
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1996	English (%)	70.1	68.8	68.6	70.0	72.5	71.9	74.1
	French (%)	5.8	5.8	5.5	7.4	5.8	6.3	4.7
	German (%)	13.8	14.7	14.8	14.4	12.0	12.1	11.8
	Ukrainian (%)	5.8	5.9	6.3	3.8	5.7	5.6	5.8
	Dutch (%)	1.0	1.2	1.1	1.5	0.7	0.7	0.8
	All Others (%)	3.5	3.6	3.7	3.2	3.3	3.5	3.1
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1991	Less than Grade 9 (%)	22.8	26.0	28.3	14.0	16.1	19.0	11.0
	Grades 9 to 13 (%)	47.2	49.1	48.2	53.6	43.0	43.1	42.7
	Post-secondary, non-university (%)	16.0	13.4	12.1	20.2	21.5	20.0	24.1
	University (%)	14.0	11.5	11.4	12.3	19.4	17.8	22.1
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
	Average no. of years of schooling (years)	**10.8**	**10.5**	**10.3**	**11.2**	**11.6**	**11.3**	**12.1**
1996	Less than Grade 9 (%)	18.8	22.0	23.6	13.2	13.0	15.9	6.7
	Grades 9 to 13 (%)	47.2	48.6	48.9	47.2	44.6	45.3	42.8
	Post-secondary, non-university (%)	20.1	16.7	15.1	25.2	26.2	23.5	32.1
	University (%)	13.9	12.7	12.3	14.6	16.2	15.2	18.3
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
	Average no. of years of schooling (years)	**11.2**	**10.9**	**10.7**	**11.6**	**11.7**	**11.5**	**12.3**

SOURCE: Statistics Canada, Censuses of Agriculture and Population

TABLE 64: Farm Operators by Selected Characteristics continued

		2001			
		Total Farms	Average Farm Area in acres	Average Gross Farm Receipts in 2000$	Average Farm Capital Market Value $
All farms	Young operators	2,110	635	103,545	523,485
	Middle aged operators	10,320	964	206,216	802,318
	Elderly operators	6,295	701	96,269	530,860
	Young & middle aged operators mix	670	1,115	235,851	1,020,022
	Young & elderly operators mix	400	1,524	284,610	1,290,533
	Middle aged & elderly operators mix	1,145	1,301	223,632	1,035,372
	Young, middle aged & elderly operators mix	140	1,820	360,330	1,441,586
	All farms	**21,070**	**891**	**167,492**	**726,346**
Farms with one operator	Young operators	1,600	638	100,276	513,082
	Middle aged operators	7,210	930	208,651	768,064
	Elderly operators	4,940	694	97,637	526,507
	Young & middle aged operators mix	0	0	0	0
	Young & elderly operators mix	0	0	0	0
	Middle aged & elderly operators mix	0	0	0	0
	Young, middle aged & elderly operators mix	0	0	0	0
	All farms	**13,745**	**811**	**156,144**	**651,583**
Farms with two or more operators	Young operators	505	625	113,861	556,316
	Middle aged operators	3,115	1,040	200,584	881,571
	Elderly operators	1,350	724	91,282	546,740
	Young & middle aged operators mix	670	1,115	235,851	1,020,022
	Young & elderly operators mix	400	1,524	284,610	1,290,533
	Middle aged & elderly operators mix	1,145	1,301	223,632	1,035,372
	Young, middle aged & elderly operators mix	140	1,820	360,330	1,441,586
	All farms	**7,325**	**1,042**	**188,792**	**866,674**

Source: Census of Agriculture, Statistics Canada (operator database 100%)

			Number of Farm Operators	Average Farm Area in acres	Average Gross Farm Receipts in 1990$	Average Farm Capital Market Value $
	All farms	less than 25 years	1,070	839	101,780	461,871
		25 - 34 years	6,115	774	105,798	443,056
		less than 35 years	**7,190**	**784**	**105,200**	**445,857**
		35 - 44 years	8,645	846	112,274	477,533
		45 - 54 years	7,645	887	102,619	473,450
		35 - 54 years	**16,295**	**865**	**107,741**	**475,616**
		55 - 64 years	6,805	784	93,145	424,894
		65 years and over	4,490	634	65,643	330,482
		55 years and over	**11,300**	**724**	**82,212**	**387,363**
		ALL OPERATORS	**34,780**	**803**	**98,921**	**440,790**
1	Farms with one operator	less than 25 years	405	485	45,456	229,572
		25 - 34 years	2,750	608	70,485	326,145
		less than 35 years	**3,155**	**593**	**67,258**	**313,692**
9		35 - 44 years	4,160	744	89,962	399,619
		45 - 54 years	3,780	775	82,573	391,553
9		**35 - 54 years**	**7,945**	**759**	**86,445**	**395,781**
		55 - 64 years	3,470	659	69,478	340,743
1		65 years and over	2,485	500	41,907	245,193
		55 years and over	**5,955**	**593**	**57,985**	**300,913**
		ALL OPERATORS	**17,055**	**670**	**72,956**	**347,463**
	Farms with two or more operators	less than 25 years	660	1,056	136,311	604,290
		25 - 34 years	3,370	910	134,574	538,325
		less than 35 years	**4,035**	**934**	**134,860**	**549,171**
		35 - 44 years	4,480	940	132,994	549,890
		45 - 54 years	3,870	997	122,208	553,485
		35 - 54 years	**8,350**	**966**	**127,998**	**551,555**
		55 - 64 years	3,335	914	117,781	512,492
		65 years and over	2,010	798	94,955	435,811
		55 years and over	**5,345**	**871**	**109,199**	**483,661**
		ALL OPERATORS	**17,730**	**930**	**123,892**	**530,541**

SOURCE: Census of Agriculture, Statistics Canada (agriculture - population 2A database 100%)

TABLE 64: Farm Operators by Selected Characteristics continued

			Number of Farm Operators	Average Farm Area in acres	Average Gross Farm Receipts	Average Farm Capital Market Value $
					in 1995$	
1996	All farms	less than 25 years	975	769	104,199	475,446
		25 - 34 years	4,930	759	135,989	536,079
		less than 35 years	**5,900**	**761**	**130,738**	**526,064**
		35 - 44 years	9,070	912	157,498	636,644
		45 - 54 years	7,955	928	159,874	646,019
		35 - 54 years	**17,020**	**920**	**158,608**	**641,024**
		55 - 64 years	5,990	846	126,766	570,597
		65 years and over	4,345	670	93,960	448,625
		55 years and over	**10,330**	**772**	**112,976**	**519,326**
		ALL OPERATORS	**33,255**	**846**	**139,481**	**582,799**
	Farms with one operator	less than 25 years	345	402	49,206	240,070
		25 - 34 years	2,050	590	100,849	382,520
		less than 35 years	**2,395**	**563**	**93,417**	**362,019**
		35 - 44 years	4,085	762	113,249	486,926
		45 - 54 years	3,760	769	123,150	501,651
		35 - 54 years	**7,850**	**765**	**117,997**	**493,987**
		55 - 64 years	3,095	673	84,711	422,862
		65 years and over	2,550	499	59,889	312,981
		55 years and over	**5,645**	**594**	**73,500**	**373,234**
		ALL OPERATORS	**15,895**	**674**	**98,477**	**431,164**
	Farms with two or more operators	less than 25 years	630	970	134,342	604,463
		25 - 34 years	2,875	880	161,097	645,798
		less than 35 years	**3,505**	**896**	**156,288**	**638,369**
		35 - 44 years	4,985	1,036	193,772	759,374
		45 - 54 years	4,185	1,071	192,880	775,768
		35 - 54 years	**9,170**	**1,052**	**193,364**	**766,860**
		55 - 64 years	2,890	1,032	171,774	728,704
		65 years and over	1,795	914	142,422	641,561
		55 years and over	**4,690**	**986**	**160,543**	**695,361**
		ALL OPERATORS	**17,365**	**1,003**	**177,020**	**721,623**
					in 2000$	
2001	All farms	less than 25 years	630	864	157,590	739,309
		25 - 34 years	3,225	887	167,221	770,222
		less than 35 years	**3,860**	**883**	**165,646**	**765,169**
		35 - 44 years	7,465	992	194,217	855,305
		45 - 54 years	8,015	1,092	232,478	889,956
		35 - 54 years	**15,480**	**1,044**	**214,032**	**873,251**
		55 - 64 years	5,450	936	145,727	725,297
		65 years and over	4,010	729	99,016	561,290
		55 years and over	**9,460**	**848**	**125,919**	**655,751**
		ALL OPERATORS	**28,795**	**958**	**178,605**	**787,323**
	Farms with one operator	less than 25 years	215	468	56,927	370,194
		25 - 34 years	1,365	667	107,525	537,486
		less than 35 years	**1,580**	**640**	**100,640**	**514,722**
		35 - 44 years	3,280	858	156,329	708,410
		45 - 54 years	3,840	998	250,284	816,558
		35 - 54 years	**7,120**	**933**	**207,003**	**766,739**
		55 - 64 years	2,650	783	119,290	606,493
		65 years and over	2,260	591	71,910	431,921
		55 years and over	**4,910**	**694**	**97,461**	**526,065**
		ALL OPERATORS	**13,610**	**813**	**155,136**	**650,655**
	Farms with two or more operators	less than 25 years	415	1,068	209,598	930,013
		25 - 34 years	1,860	1,048	210,915	940,573
		less than 35 years	**2,280**	**1,051**	**210,675**	**938,646**
		35 - 44 years	4,180	1,098	223,935	970,524
		45 - 54 years	4,175	1,178	216,101	957,465
		35 - 54 years	**8,360**	**1,138**	**220,021**	**964,000**
		55 - 64 years	2,795	1,081	170,738	837,694
		65 years and over	1,745	908	134,094	728,711
		55 years and over	**4,550**	**1,014**	**156,651**	**795,796**
		ALL OPERATORS	**15,185**	**1,088**	**199,640**	**909,822**

SOURCE: Census of Agriculture, Statistics Canada (agriculture - population 2A database 100%)

Hired Agricultural Labour

The 2001 Census of Agriculture reported that in 2000, 8,669 farms hired paid labour for 493,462 weeks. This included the hiring of 343,346 weeks of year-round labour by 3,864 farms and 150,166 weeks of seasonal labour by 6,106 farms. Almost 15.4 percent fewer farms hired 13.0 percent more weeks of paid labour in 2000 than [illegible]s earlier. Year-round employment increased by 18.4 percent over the five-year period, while s[illegible]nal employment increased by 2.3 percent.

FARM WAGES

Total wages and salaries paid to hired labour amounted to about $233.8 million in 2002, a 3.0 percent increase from the 2001 total wage cost of $227.0 million. The estimated average wage for hired agricultural labour in 2000 was $10.62 per hour, rising to $10.90 per hour in 2001 and $11.31 per hour in 2002.

TABLE 65: Average Wages for Hired Agricultural Labour, 1996-2002

Type	1996	1997	1998[r]	1999	2000	2001	2002
	$/hour						
General farm labour	8.67	8.88	9.19	N.A.	N.A.	N.A.	N.A.
Machine operator	10.03	9.71	10.06				
Care of livestock	8.16	9.42	9.76				
Fruit & vegetable	6.33	7.71	8.34				
Supervisor	11.47	13.71	14.18				
Other labour	7.96	9.91	10.03				
AVERAGE ALL TYPES	9.00	9.87	10.25	10.21	10.62	10.90	11.31

SOURCE: Statistics Canada, Manitoba Bureau of Statistics

CAPITAL

Investment in Agriculture

The average investment per Manitoba farm reporting in the 2001 Census amounted to $726,346, an increase of 40.2 percent from 1996. Land and buildings accounted for 64.4 percent, machinery for 22.4 percent and livestock for 13.2 percent, respectively, of the total capital investment. According to the Census, total investment in agriculture was $15,304,836,124 in 2001, 21.1 percent above the 1996 level. The average capital investment in land and buildings was $467,878 per farm, based on the 2001 Census. This value had increased by 34.4 percent since 1996, reflecting the change to higher land values and larger farms.

TABLE 66: Capital Investment Per Farm Reporting, 2001

Agricultural Region	Land & Buildings	Machinery & Equipment	Livestock & Poultry	TOTAL*
	dollars per farm reporting			
1	491,858	192,664	146,367	788,936
2	490,359	164,219	149,173	783,602
3	406,235	165,805	125,329	659,120
4	336,333	139,267	140,030	579,443
5	331,080	141,946	111,369	546,265
6	283,294	130,160	153,956	524,503
7	649,977	216,921	157,152	964,233
8	618,890	187,929	117,246	875,126
9	531,322	135,210	148,062	786,869
10	278,375	103,896	104,276	452,294
11	474,566	147,031	122,954	697,668
12	276,441	118,127	176,585	529,487
PROVINCE	467,878	162,811	141,584	726,346

* As a different number of farms reported for each component, the total value per farm is not equal to the sum of the component values.
SOURCE: Statistics Canada, Census of Agriculture

TABLE 67: Value of Farm Capital, by Province, 1998 – 2002

	1998	1999[R]	2000	2001[R]	2002[P]
	thousand dollars				
CANADA	175,350,356	180,765,898	185,335,408	189,302,046	189,168,426
Manitoba	14,105,439	14,390,879	14,789,245	14,978,015	14,748,326
British Columbia	15,471,201	15,893,638	15,385,310	15,405,204	15,522,452
Alberta	45,213,062	46,855,720	49,108,516	50,882,481	50,854,108
Saskatchewan	33,151,110	33,978,288	34,295,913	34,015,085	33,294,601
Ontario	45,705,276	46,683,592	47,488,460	48,466,657	48,740,665
Quebec	17,209,044	18,213,543	19,396,469	20,527,594	21,030,909
New Brunswick	1,270,260	1,360,676	1,404,027	1,464,218	1,447,638
Nova Scotia	1,477,327	1,550,034	1,587,452	1,619,311	1,593,582
PEI	1,567,949	1,658,534	1,700,377	1,755,338	1,738,509
NFLD	179,688	180,994	179,639	188,143	197,636

SOURCE: Statistics Canada, Catalogue 21-603-UPE

LAND VALUES

TABLE 68: Value per Unit of Farmland and Buildings, Manitoba and Canada

Year	$ per hectare		$ per acre	
	Manitoba	Canada	Manitoba	Canada
1983	939	1,448	380	586
1984	907	1,379	367	558
1985	887	1,278	359	517
1986	850	1,181	344	478
1987	803	1,127	325	456
1988	751	1,147	304	464
1989	810	1,280	328	518
1990	887	1,371	359	555
1991	882	1,384	357	560
1992	890	1,352	360	547
1993	922	1,371	373	555
1994	959	1,443	388	584
1995	1,020	1,567	413	634
1996	1,095	1,703	443	689
1997	1,127	1,751	456	709
1998	1,196	1,858	484	752
1999[P]	1,204	1,878	487	760
2000	1,216	1,893	492	766
2001[P]	1,216	1,915	492	775
2002[P]	1,231	1,957	498	792
Averages				
1921 – 1930	65	81	26	33
1931 – 1940	38	49	15	20
1941 – 1950	49	57	20	23
1951 – 1960	84	96	34	39
1961 – 1970	145	182	59	74
1971 – 1980	435	643	176	260
1981 – 1990	879	1,325	356	536
1991 – 2000	1,051	1,620	425	656

SOURCE: Statistics Canada, Catalogue 61-603-UPE

MACHINERY

The number of farm trucks licensed for operation in Manitoba in 2002 was 62,742, a decrease of 0.5 percent from the previous year. The number of farm trucks decreased between 1985 and 1989, rose from 1990 to 1992, but decreased between 1992 and 2002.

TABLE 69: Farm Machinery Numbers

	1996 Census		2001 Census	
	Farms Reporting	Number on Manitoba Farms	Farms Reporting	Number on Manitoba Farms
Tractors	22,127	68,735	19,665	69,209
Trucks	22,440	55,704	19,831	51,784
Combines	14,214	17,490	11,813	14,673
self-propelled	11,047	13,036	..	..
pull-type	4,099	4,454	..	..
Balers	11,655	15,068	10,622	13,518
bales, less than 200 lb	6,166	6,600	..	..
bales, 200 lb or more	9,083	8,468	..	..
Swathers and Windrowers	15,319	20,444	14,730	21,785
Mower Conditioners	6,101	6,440		
Forage Crop Harvesters	956	996	1,193	1,353
Farms with Cultivation, Seeding and Tillage Equipment	17,270	NA	15,261	53,196
Farms with All Other Farm Machinery and Equipment	19,835	NA		
Farms with Personal Computers	4,618	NA	7,573	7,573

SOURCE: Statistics Canada, Census of Agriculture, 1996 and 2001.

FERTILIZER

Fertilizer sales, excluding mixed fertilizers, increased to 859,300 tonnes (946,900 tons) in 2002 from 837,000 tonnes (922,400 tons) in 2001.

TABLE 70: Sales of Fertilizer, July 1 to June 30, 2000-2002

Formulation	Tonnes Sold			Tons Sold		
	2000	2001	2002	2000	2001	2002
	thousands					
Types						
Ammonium Phosphate	233.8	213.3	211.3	257.7	235.1	232.9
Ammonium Nitrate	42.5	34.4	44.0	46.8	37.9	48.5
Urea	206.6	206.4	209.8	227.7	227.5	231.2
Anhydrous Ammonia	183.7	165.2	167.8	202.5	182.1	184.9
Nitrogen Solutions	83.8	72.7	63.6	92.4	80.1	70.0
Ammonium Sulphate	63.1	64.4	72.3	70.0	71.0	79.7
Potassium Chloride	67.0	55.9	58.6	73.9	61.6	64.6
Other Fertilizer Materials	34.1	24.8	31.9	37.6	27.3	35.1
TOTAL FERTILIZER SALES	914.6	837.0	859.3	1,008.0	922.4	946.9

Includes other nitrogen, other phosphates and other fertilizers.

SOURCE: Agriculture & Agri-Food Canada, Farm Inputs and Environmental Issues.

WEATHER

TABLE 71: Weather Record for the Year 2002, Winnipeg

Month	Temperature		Precipitation		Sunshine		
	Mean Monthly	Normal Mean	2002	Normal	Duration	% of Possible	Normal
	°C		mm		hrs	%	hrs
January	-14.6	-18.3	15.9	19.3	85.4	32.0	119.7
February	-10.0	-15.1	5.0	14.8	149.4	51.1	139.9
March	-11.7	-7.0	15.9	23.1	170.8	46.4	177.7
April	1.9	3.8	38.3	35.9	193.3	46.8	232.4
May	8.0	11.6	54.8	59.8	281.3	58.9	276.8
June	17.8	17.0	76.4	89.5	278.3	56.9	290.6
July	20.8	19.5	81.2	70.8	333.7	67.7	321.7
August	18.2	18.5	69.4	75.1	238.7	53.2	285.9
September	13.8	12.3	42.5	52.3	199.1	52.5	189.3
October	-0.5	5.3	17.3	36.0	NA	-	149.8
November	-5.6	-5.3	22.6	25.0	NA	-	94.9
December	-8.5	-14.4	12.2	18.5	NA	-	98.6
YEAR	2.5	2.3	471.5	519.9	NA	-	2,377.3

SOURCE: Atmospheric Environment Service, Environment Canada

CHART 22: Winnipeg Monthly Mean Temperatures, 2000 – 2002

SOURCE: Atmospheric Environment Service, Environment Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 72: Monthly and Annual Growing Degree-Days* 2002, Winnipeg

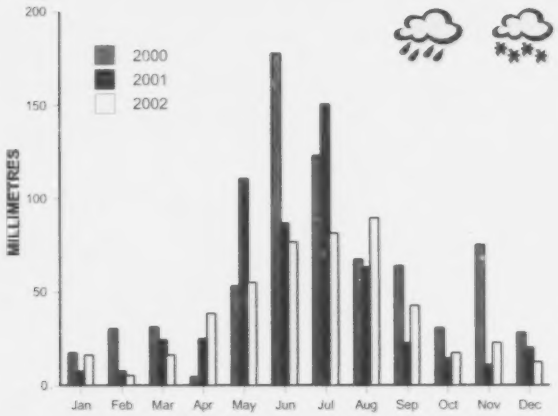
Month	Cooling (above 18°C)	Normal	Growing (above 5°C)	Normal	Heating (below 18°C)	Normal
January					1,010.5	1,129.1
February					783.1	936.2
March				1.8	919.2	776.5
April		0.7	41.0	54.1	482.9	428.6
May	4.8	13.0	130.3	214.0	314.1	212.0
June	50.2	37.5	383.2	359.9	57.0	67.7
July	95.9	88.3	490.7	450.5	8.2	20.9
August	43.3	56.4	410.4	418.0	35.9	41.3
September	12.8	7.9	267.4	221.9	140.3	178.8
October		0.2	11.0	66.5	573.7	395.5
November				4.1	705.8	698.0
December					822.0	1,004.5
YEAR	207.1	184.0	1,734.0	1,790.8	5,852.7	5,891.1

* Degree-days - the difference between the average temperature for a day and some reference temperature, such as 5°C and 18°C.
SOURCE: Atmospheric Environment Service, Environment Canada

TABLE 73: Precipitation at Various Manitoba Points, 2002

millimetres	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YEAR
Aitona	23.0	5.0	25.0	21.0	65.2	161.9	31.4	139.6	58.0	13.4	16.0	19.0	578.5
Beausejour	20.0	8.0	22.0	37.2	41.4	96.7	78.2	74.0	24.8	12.0	9.0	19.0	442.3
Binscarth	15.4	T	24.8	31.0	11.6	123.4	52.0	176.4	33.4	25.6	14.4	75.8	-
Brandon A	12.0	2.2	16.0	20.0	7.2	81.0	68.2	84.0	31.2	11.8	7.4	25.4	366.4
Carman	18.0	3.0	18.0	18.2	62.4	162.6	52.4	129.2	30.8	11.8	7.0	17.0	530.4
Churchill	15.4	24.0	10.4	45.0	34.9	33.0	100.0	103.0	66.0	36.0	50.2	31.0	548.9
Cypress River	20.6	2.4	18.4	13.8	37.2	126.2	70.6	99.6	22.8	22.8	9.4	26.2	470.0
Dauphin	9.0	4.5	34.0	40.0	16.0	82.8	27.0	112.0	19.5	12.5	10.5	38.5	406.3
Flin Flon A	7.6	27.0	6.4	45.4	26.4	24.6	32.4	87.6	93.2	20.8	13.9	28.0	413.3
Gimli	13.0	3.0	29.0	33.6	52.8	79.9	79.6	85.2	49.6	15.7	18.0	29.0	488.4
Morden A/AFC	13.6	3.4	17.9	14.4	33.6	122.2	52.2	153.2	33.8	9.8	7.4	16.5	478.0
Narcisse	10.8	4.2	27.6	21.7	31.4	43.6	30.7	87.3	48.3	22.6	10.8	21.8	360.8
Neepawa Water	25.6	3.4	43.9	28.6	27.2	72.2	68.1	98.4	21.3	13.4	7.4	21.5	431.0
Ochre River	12.0	2.0	39.5	26.6	34.5	126.9	42.8	90.7	60.8	5.6	12.0	27.0	480.4
Pierson	20.6	2.6	26.6	20.2	18.8	86.6	37.6	219.0	26.4	17.0	9.4	31.4	516.2
Pilot Mound	25.2	13.6	15.2	20.0	44.4	152.8	80.6	165.6	17.0	16.6	6.8	15.4	573.2
Piney	6.0	2.0	32.0	20.8	55.6	310.8	56.0	126.0	34.2	15.2	8.0	19.5	686.1
Portage la Prairie AAFC	15.0	2.0	27.0	21.0	34.5	125.6	70.8	98.9	36.5	15.4	12.2	17.0	475.9
Riding Mountain	18.6	7.8	33.5	19.1	16.2	79.0	42.8	77.2	15.6	9.3	17.1	39.7	375.9
Roblin	9.8	2.4	21.4	30.0	12.7	86.2	44.7	111.2	53.0	32.9	8.4	34.1	446.3
Souris	27.0	2.0	20.0	15.6	31.8	74.8	38.8	120.4	31.6	22.0	10.0	NR	-
Sprague	11.0	4.6	20.6	34.4	60.8	345.8	103.6	99.2	35.6	18.6	10.1	19.3	763.6
St. Malo	25.4	2.4	17.6	25.4	74.8	141.4	115.0	152.0	64.0	8.6	12.0	10.0	648.6
Steinbach	37.6	4.9	18.3	27.8	67.2	149.7	190.8	109.9	52.4	13.6	2.5	24.7	699.4
Strathclair	23.0	4.0	29.0	25.5	16.0	100.8	60.1	106.9	37.7	14.5	14.6	44.3	476.4
Swan River	37.0	-	15.4	19.4	4.8	73.2	14.4	48.4	30.6	20.6	17.3	NR	-
The Pas A	5.8	11.8	10.0	43.4	11.6	56.5	31.0	58.0	80.2	13.8	8.6	52.0	382.7
Thompson A	6.6	18.4	30.8	75.6	40.2	44.0	48.7	127.2	125.8	19.0	16.6	17.2	570.1
Turtle Mountain	21.0	8.0	20.0	30.8	30.8	164.6	51.2	121.2	28.2	20.0	8.0	45.0	548.8
Virden	19.0	5.6	25.0	22.2	12.4	82.6	94.2	147.6	20.0	16.8	19.0	34.2	498.6
Winnipeg A	15.9	5.0	15.9	38.3	54.8	76.4	81.2	89.4	42.5	17.3	22.6	12.2	471.5

CHART 23: Winnipeg Monthly Precipitation, 2000 – 2002



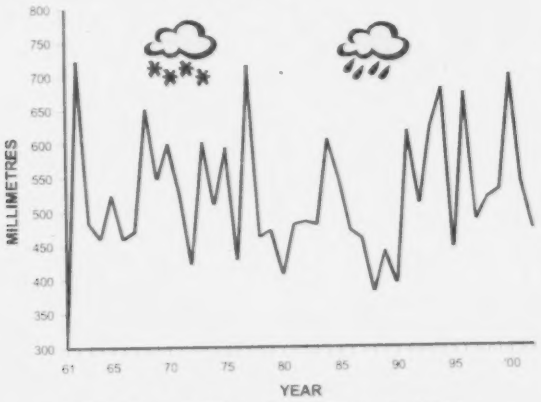
SOURCE: Atmospheric Environment Service, Environment Canada.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

TABLE 73: Precipitation Continued

inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YEAR
Altona	0.906	0.197	0.984	0.827	2.567	6.374	1.236	5.496	2.283	0.528	0.630	0.748	22.776
Beausejour	0.787	0.315	0.866	1.465	1.630	3.807	3.079	2.913	0.976	0.472	0.354	0.748	17.413
Binscarth	0.606	T	0.976	1.220	0.457	4.858	2.047	6.945	1.315	1.008	0.567	2.984	-
Brandon A	0.472	0.087	0.630	0.787	0.283	3.189	2.685	3.307	1.228	0.465	0.291	1.000	14.425
Carman	0.709	0.118	0.709	0.717	2.457	6.402	2.063	5.087	1.213	0.465	0.276	0.669	20.882
Churchill	0.606	0.945	0.409	1.772	1.374	1.299	3.937	4.055	2.598	1.417	1.976	1.220	21.610
Cypress River	0.811	0.094	0.724	0.543	1.465	4.968	2.780	3.921	0.898	0.898	0.370	1.031	18.504
Dauphin	0.354	0.177	1.339	1.575	0.630	3.260	1.063	4.409	0.768	0.492	0.413	1.516	15.996
Flin Flon A	0.299	1.063	0.252	1.787	1.039	0.969	1.276	3.449	3.669	0.819	0.547	1.102	16.272
Gimli	0.512	0.118	1.142	1.323	2.079	3.146	3.134	3.354	1.953	0.618	0.709	1.142	19.228
Morden AAFC	0.535	0.134	0.705	0.567	1.323	4.811	2.055	6.031	1.331	0.386	0.291	0.650	18.819
Narcisse	0.425	0.165	1.087	0.854	1.236	1.717	1.209	3.437	1.902	0.890	0.425	0.858	14.205
Neepawa Water	1.008	0.134	1.728	1.126	1.071	2.843	2.681	3.874	0.839	0.528	0.291	0.846	16.968
Ochre River	0.472	0.079	1.555	1.047	1.358	4.996	1.685	3.571	2.394	0.220	0.472	1.063	18.913
Pierson	0.811	0.102	1.047	0.795	0.740	3.409	1.480	8.622	1.039	0.669	0.370	1.236	20.323
Pilot Mound	0.992	0.535	0.598	0.787	1.748	6.016	3.173	6.520	0.669	0.654	0.268	0.606	22.567
Piney	0.236	0.079	1.260	0.819	2.189	12.236	2.205	4.961	1.346	0.598	0.315	0.768	27.012
Portage la Prairie AAFC	0.591	0.079	1.063	0.827	1.358	4.945	2.787	3.894	1.437	0.606	0.480	0.669	18.736
Riding Mountain	0.732	0.307	1.319	0.752	0.638	3.110	1.685	3.039	0.614	0.366	0.673	1.563	14.799
Roblin	0.386	0.094	0.843	1.181	0.500	3.394	1.760	4.378	2.087	1.295	0.331	1.343	17.591
Souris	1.063	0.079	0.787	0.614	1.252	2.945	1.528	4.740	1.244	0.866	0.394	NR	-
Sprague	0.433	0.181	0.811	1.354	2.394	13.614	4.079	3.906	1.402	0.732	0.398	0.760	30.063
St. Malo	1.000	0.094	0.693	1.000	2.945	5.567	4.528	5.984	2.520	0.339	0.472	0.394	25.535
Steinbach	1.480	0.193	0.720	1.094	2.646	5.894	7.512	4.327	2.063	0.535	0.098	0.972	27.535
Strathclair	0.906	0.157	1.142	1.004	0.630	3.968	2.366	4.209	1.484	0.571	0.575	1.744	18.756
Swan River	1.457	-	0.606	0.764	0.189	2.882	0.567	1.906	1.205	0.811	0.681	NR	-
The Pas A	0.228	0.465	0.394	1.709	0.457	2.224	1.220	2.283	3.157	0.543	0.339	2.047	15.067
Thompson A	0.260	0.724	1.213	2.976	1.583	1.732	1.917	5.008	4.953	0.748	0.654	0.677	22.445
Turtle Mountain	0.827	0.315	0.787	1.213	1.213	6.480	2.016	4.772	1.110	0.787	0.315	1.772	21.606
Virden	0.748	0.220	0.984	0.874	0.488	3.252	3.709	5.811	0.787	0.661	0.748	1.346	19.630
Winnipeg A	0.626	0.197	0.626	1.508	2.157	3.008	3.197	3.520	1.673	0.681	0.890	0.480	18.563

NOTE: Binscarth has replaced Birtle; Narcisse replaced Lundar; and Piney replaced Sundown.
Totals may not add due to conversion to Imperial from metric data.
NR No report.
SOURCE: Environment Canada

CHART 24: Average Annual Precipitation, Winnipeg, 1961 – 2002



SOURCE: Atmospheric Environment Service, Environment Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

PAST TRENDS

TABLE 74: Historical Production Value Summary

Year	Crops	Livestock	Other Products*	TOTAL
	thousand dollars			
1960	255,123	121,566	4,258	350,947
1961	137,309	132,524	3,970	273,803
1962	292,730	126,140	4,009	422,879
1963	243,090	135,424	4,328	382,842
1964	296,753	134,331	4,201	435,285
1965	319,946	142,509	5,447	467,902
1966	323,157	165,343	4,782	493,282
1967	308,939	162,397	5,819	477,155
1968	292,409	162,651	4,961	460,021
1969	250,051	208,522	4,715	463,288
1970	226,846	221,669	3,783	452,298
1971	331,889	205,657	3,523	541,069
1972	437,548	253,149	5,035	695,732
1973	919,412	354,940	7,098	1,281,450
1974	708,779	338,782	7,019	1,054,580
1975	768,753	325,386	7,607	1,101,746
1976	748,093	341,285	10,059	1,099,437
1977	855,581	337,027	15,580	1,208,188
1978	1,085,132	420,542	17,604	1,523,278
1979	1,097,838	536,209	23,069	1,657,116
1980	1,089,223	533,607	24,842	1,647,672
1981	1,497,930	522,741	25,089	2,045,760
1982	1,415,760	561,492	24,930	2,002,182
1983	1,385,692	574,847	23,655	1,984,194
1984	1,613,331	652,797	25,951	2,292,079
1985	1,694,334	676,284	30,543	2,401,161
1986	1,252,285	773,738	31,645	2,057,668
1987	1,143,317	748,669	33,899	1,925,885
1988	1,126,474	759,743	28,755	1,914,972
1989	1,340,946	706,987	28,290	2,076,223
1990	1,394,205	828,420	30,230	2,252,855
1991	1,248,952	817,443	34,590	2,100,985
1992	1,513,882	804,788	43,054	2,361,724
1993	1,225,426	893,435	57,364	2,176,225
1994	1,844,618	947,162	60,490	2,852,270
1995	1,988,132	977,406	66,515	3,032,053
1996	2,125,128	1,104,720	69,460	3,299,308
1997	1,858,246	1,158,407	68,123	3,084,776
1998[R]	2,007,910	1,156,115	64,737	3,228,762
1999[R]	1,548,850	1,278,790	66,096	2,893,736
2000[R]	1,759,510	1,561,100	61,683	3,382,293
2001[R]	1,825,400	1,790,340	70,850	3,713,590
2002	2,263,370	1,651,770	90,530	4,005,670

* Includes value of honey and beeswax, leafcutting bees commencing 1983, fur and forest products, and PMU operations commencing 1967.

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Ayerst Organics; and Manitoba Agriculture and Food.

TABLE 75: Historical Production Value Summary of All Crops

Year	Total Grains	Total Oilseeds	Total Other Crops	Total Horticulture	Forage Seeds	TOTAL CROPS
	thousand dollars					
1960	165,773	19,568	27,048	11,648	1,086	225,123
1961	88,108	15,799	21,256	10,892	1,254	137,309
1962	216,072	25,260	36,974	12,319	2,105	292,730
1963	159,744	29,952	39,001	12,890	1,503	243,090
1964	210,006	36,499	32,357	16,632	1,259	296,753
1965	214,398	51,042	36,406	15,938	2,162	319,946
1966	228,706	35,175	43,537	13,977	1,762	323,157
1967	231,832	23,556	36,632	15,681	1,238	308,939
1968	202,241	34,308	40,399	14,890	571	292,409
1969	152,852	36,484	42,226	16,965	1,524	250,051
1970	120,471	45,484	42,817	16,373	1,701	226,846
1971	219,245	45,753	47,318	17,889	1,684	331,889
1972	301,922	61,180	54,124	18,780	1,542	437,548
1973	676,363	126,298	90,937	20,615	5,199	919,412
1974	436,682	126,922	113,049	29,501	2,625	708,779
1975	487,358	125,495	118,941	34,928	2,031	768,753
1976	511,386	77,000	124,358	32,299	3,050	748,093
1977	506,481	169,015	137,820	38,437	3,828	855,581
1978	599,060	274,990	158,761	44,833	7,488	1,085,132
1979	552,606	326,525	166,169	44,226	8,312	1,097,838
1980	683,735	188,230	153,740	58,616	4,902	1,089,223
1981	988,990	213,130	226,428	62,701	6,681	1,497,930
1982	925,830	227,680	198,089	59,136	5,025	1,415,760
1983	885,180	260,140	177,374	55,627	7,371	1,385,692
1984	989,730	358,680	187,993	71,365	5,563	1,613,331
1985	1,083,750	328,710	202,064	73,648	6,162	1,694,334
1986	692,150	213,100	264,949	73,902	8,184	1,252,285
1987	589,810	227,600	220,655	91,159	14,093	1,143,317
1988	612,560	263,220	165,462	71,437	13,795	1,126,474
1989	860,200	190,440	203,287	75,764	11,255	1,340,946
1990	848,380	219,850	235,952	81,813	8,210	1,394,205
1991	689,080	267,720	198,778	88,574	4,800	1,248,952
1992	902,850	321,120	187,549	99,079	3,284	1,513,882
1993	537,180	343,090	244,147	98,578	2,431	1,225,426
1994	809,600	644,820	260,320	123,630	6,248	1,844,618
1995	1,034,150	586,900	225,702	133,070	8,310	1,988,132
1996	1,141,860	544,260	258,599	166,898	13,511	2,125,128
1997	787,870	703,270	173,360	178,837	14,909	1,858,246
1998[R]	767,040	778,070	254,360	190,720	17,720	2,007,910
1999[R]	588,980	474,690	281,690	185,580	17,910	1,548,850
2000[R]	817,360	440,160	271,310	211,500	19,180	1,759,510
2001[R]	822,320	454,660	362,560	199,400	13,460	1,852,400
2002	949,800	707,280	371,430	214,930	19,930	2,263,370

SOURCE: Statistics Canada, Manitoba Agriculture and Food

TABLE 76: Historical Production Value Summary of Grains

Year	All Wheat	Oats	Barley	All Rye	Mixed Grains*	Grain Corn	TOTAL GRAINS
	thousand dollars						
1960	106,260	34,720	20,160	1,444	2,996	193	165,773
1961	59,840	15,120	9,450	957	2,600	141	88,108
1962	136,000	52,510	20,160	3,150	4,100	152	216,072
1963	104,310	34,100	15,520	2,625	2,964	225	159,744
1964	138,550	47,450	16,800	2,940	4,116	150	210,006
1965	130,350	52,540	23,100	3,120	5,100	188	214,398
1966	140,620	48,000	30,800	2,592	6,503	191	228,706
1967	147,600	45,540	29,370	2,880	6,030	412	231,832
1968	119,210	40,500	33,970	2,500	5,929	132	202,241
1969	79,360	37,260	28,980	2,573	4,544	135	152,852
1970	43,310	30,210	37,740	2,469	6,532	210	120,471
1971	101,380	40,280	65,800	2,460	8,775	550	219,245
1972	128,340	49,500	107,100	2,397	13,500	1,085	301,922
1973	331,100	102,690	208,330	5,684	25,875	2,684	676,363
1974	236,000	65,360	117,600	5,625	11,400	697	436,682
1975	275,340	72,000	116,280	7,500	13,950	2,288	487,358
1976	288,400	68,930	134,000	5,750	10,833	3,473	511,386
1977	269,670	57,420	155,100	7,190	13,040	4,061	506,481
1978	375,440	40,590	143,650	10,220	12,920	16,240	599,060
1979	346,500	27,400	129,920	11,590	12,626	24,570	552,606
1980	386,400	33,120	214,560	12,760	11,395	25,500	683,735
1981	578,720	48,620	277,300	25,910	12,670	45,770	988,990
1982	610,660	42,400	215,940	18,540	11,620	26,670	925,830
1983	593,340	44,110	190,680	17,440	11,270	28,340	885,180
1984	643,680	47,090	234,500	18,210	13,210	33,040	989,730
1985	757,770	45,450	250,070	11,040	10,300	9,120	1,083,750
1986	499,330	36,860	144,350	3,500	2,500	5,610	692,150
1987	390,700	44,910	137,580	3,930	2,640	10,050	589,810
1988	412,000	35,390	142,130	5,870	1,970	15,200	612,560
1989	621,660	28,710	177,790	15,450	2,650	13,940	860,200
1990	641,400	22,730	154,840	9,130	2,120	18,160	848,380
1991	526,050	18,670	114,730	4,360	2,600	22,670	689,080
1992	705,050	54,440	132,680	5,220	2,180	3,280	902,850
1993	379,660	47,810	99,280	3,670	2,630	4,130	537,180
1994	591,460	64,990	128,830	3,770	3,150	17,400	809,600
1995	697,690	91,190	216,480	6,980	5,080	16,730	1,034,150
1996	713,370	144,730	249,200	10,030	4,200	20,330	1,141,860
1997	490,290	91,950	173,860	9,550	2,560	19,660	787,870
1998	463,380	113,320	153,780	10,910	1,040	24,610	767,040
1999	372,980	76,900	108,830	5,130	1,020	24,120	588,980
2000	511,650	95,870	175,930	3,930	1,710	28,270	817,360
2001[R]	488,110	137,470	160,960	4,440	1,820	29,520	822,320
2002	521,030	180,380	187,050	5,580	3,090	52,670	949,800

* Methodology changed 1986 - see Mixed Grains.

SOURCE: Statistics Canada; Manitoba Agriculture and Food

TABLE 77: Historical Production and Value of Wheat

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	1,133	1,585	1,796	59	106,260
1961	1,179	785	926	65	59,840
1962	1,231	1,770	2,177	62	136,000
1963	1,276	1,300	1,660	63	104,310
1964	1,370	1,690	2,313	60	138,550
1965	1,311	1,640	2,150	61	130,350
1966	1,317	1,630	2,150	65	140,620
1967	1,424	1,720	2,449	60	147,600
1968	1,376	1,800	2,477	48	119,210
1969	1,012	1,720	1,742	46	79,360
1970	567	1,465	830	52	43,310
1971	1,019	1,975	2,014	50	101,380
1972	1,052	1,785	1,878	68	128,340
1973	1,214	1,725	2,095	158	331,100
1974	1,133	1,415	1,605	147	236,000
1975	1,255	1,690	2,123	130	275,340
1976	1,538	1,820	2,803	103	288,400
1977	1,295	2,125	2,749	98	269,670
1978	1,376	2,055	2,831	133	375,440
1979	1,214	1,680	2,041	170	346,500
1980	1,336	1,425	1,905	203	386,400
1981	1,578	2,110	3,326	174	578,720
1982	1,619	2,290	3,701	165	610,660
1983	1,861	1,830	3,410	174	593,340
1984	1,801	2,080	3,742	172	643,680
1985	1,942	2,690	5,226	145	757,770
1986	1,995	2,235	4,458	112	499,330
1987	1,963	2,010	3,947	99	390,700
1988	1,934	1,230	2,382	173	412,000
1989	2,135	1,950	4,172	149	621,660
1990	2,205	2,670	5,884	109	641,400
1991	2,173	2,210	4,806	109	526,050
1992	2,084	2,790	5,808	121	705,050
1993	1,983	1,830	3,637	104	379,660
1994	1,657	2,230	3,697	160	591,460
1995	1,615	2,110	3,405	205	697,690
1996	1,700	2,575	4,377	163	713,370
1997	1,570	2,130	3,350	146	490,290
1998	1,307	2,460	3,220	144	463,380
1999	1,273	2,480	3,158	118	372,980
2000	1,572	2,710	4,266	120	511,650
2001[R]	1,582	2,170	3,431	142	488,110
2002	1,376	2,400	3,355	155	521,030

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 77: Wheat Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	2,800	23.6	66,000	1.61	106,260
1961	2,914	11.7	34,000	1.76	59,840
1962	3,042	26.3	80,000	1.70	136,000
1963	3,153	19.3	61,000	1.71	104,310
1964	3,385	25.1	85,000	1.63	138,550
1965	3,240	24.4	79,000	1.65	130,350
1966	3,255	24.3	79,000	1.78	140,620
1967	3,520	25.6	90,000	1.64	147,600
1968	3,400	26.8	91,000	1.31	119,210
1969	2,500	25.6	64,000	1.24	79,360
1970	1,400	21.8	30,500	1.42	43,310
1971	2,519	29.4	74,000	1.37	101,380
1972	2,600	26.5	69,000	1.86	128,340
1973	3,000	25.7	77,000	4.30	331,100
1974	2,800	21.1	59,000	4.00	236,000
1975	3,100	25.2	78,000	3.53	275,340
1976	3,800	27.1	103,000	2.80	288,400
1977	3,200	31.6	101,000	2.67	269,670
1978	3,400	30.6	104,000	3.61	375,440
1979	3,000	25.0	75,000	4.62	346,500
1980	3,300	21.2	70,000	5.52	386,400
1981	3,900	31.3	122,200	4.75	578,720
1982	4,000	34.0	136,000	4.48	610,660
1983	4,600	27.2	125,300	4.74	593,340
1984	4,450	30.9	137,500	4.68	643,680
1985	4,800	40.0	192,000	3.95	757,770
1986	4,930	33.2	163,800	3.05	499,330
1987	4,850	29.9	145,000	2.69	390,700
1988	4,780	18.3	87,500	4.71	412,000
1989	5,275	29.1	153,300	4.06	621,660
1990	5,450	39.7	216,200	2.97	641,400
1991	5,370	32.9	176,600	3.00	526,050
1992	5,150	41.4	213,400	3.30	705,050
1993	4,900	27.3	133,650	2.85	379,660
1994	4,095	33.2	135,800	4.35	591,460
1995	3,990	31.4	125,100	5.60	697,690
1996	4,200	38.3	160,800	4.44	713,370
1997	3,880	31.7	123,100	3.98	490,290
1998	3,230	36.6	118,300	3.92	463,380
1999	3,145	36.9	116,050	3.20	372,980
2000	3,885	40.3	156,750	3.26	511,650
2001[P]	3,910	32.2	126,050	3.87	488,110
2002	3,400	36.3	123,280	4.23	521,030

SOURCE: Statistics Canada, Manitoba Agriculture and Food

TABLE 78: Historical Production and Value of Oats

Year	Harvested For Grain Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	607	1,425	864	40	34,720
1961	526	705	370	41	15,120
1962	726	1,890	1,373	38	52,510
1963	656	1,455	956	36	34,100
1964	662	1,700	1,126	42	47,450
1965	617	1,850	1,141	46	52,540
1966	619	1,595	987	49	48,000
1967	647	1,575	1,018	45	45,540
1968	639	1,955	1,249	32	40,500
1969	619	1,720	1,064	35	37,260
1970	510	1,600	817	37	30,210
1971	565	2,075	1,172	34	40,280
1972	461	1,840	848	58	49,500
1973	526	1,850	972	106	102,690
1974	486	1,365	633	99	65,360
1975	445	1,735	771	93	72,000
1976	506	1,860	941	73	68,930
1977	425	2,105	894	64	57,420
1978	304	2,080	632	64	40,590
1979	182	1,690	308	89	27,400
1980	182	1,525	278	119	33,120
1981	243	1,910	463	105	48,620
1982	223	2,350	524	81	42,400
1983	223	1,800	401	110	44,110
1984	223	1,940	432	109	47,090
1985	194	2,550	494	92	45,450
1986	178	2,555	455	81	36,860
1987	190	2,270	432	104	44,910
1988	168	1,378	231	153	35,390
1989	194	1,699	330	87	28,710
1990	146	2,329	339	67	22,730
1991	109	2,030	222	84	18,670
1992	194	2,860	555	98	54,440
1993	202	2,440	494	97	47,810
1994	263	2,520	663	98	64,990
1995	263	2,370	625	146	91,190
1996	389	2,720	1,056	137	144,730
1997	283	2,600	736	125	91,950
1998	364	2,830	1,030	110	113,320
1999	295	2,890	854	90	76,900
2000	348	2,920	1,016	94	95,870
2001[R]	324	2,300	748	184	137,470
2002	405	2,500	1,018	177	180,380

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 78: Oats Continued

Year	Harvested For Grain Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	1,500	37.3	56,000	0.62	34,720
1961	1,300	18.5	24,000	0.63	15,120
1962	1,794	49.6	89,000	0.59	52,510
1963	1,620	38.3	62,000	0.55	34,100
1964	1,635	44.6	73,000	0.65	47,450
1965	1,525	48.5	74,000	0.71	52,540
1966	1,530	41.8	64,000	0.75	48,000
1967	1,600	41.2	66,000	0.69	45,540
1968	1,580	51.3	81,000	0.50	40,500
1969	1,530	45.1	69,000	0.54	37,260
1970	1,260	42.1	53,000	0.57	30,210
1971	1,395	54.5	76,000	0.53	40,280
1972	1,140	48.2	55,000	0.90	49,500
1973	1,300	48.5	63,000	1.63	102,690
1974	1,200	35.8	43,000	1.52	65,360
1975	1,100	45.5	50,000	1.44	72,000
1976	1,250	48.8	61,000	1.13	68,930
1977	1,050	55.2	58,000	0.99	57,420
1978	750	54.7	41,000	0.99	40,590
1979	450	44.4	20,000	1.37	27,400
1980	450	40.0	18,000	1.84	33,120
1981	600	50.0	30,000	1.62	48,620
1982	550	61.8	34,000	1.25	42,400
1983	550	47.3	26,000	1.70	44,110
1984	550	50.9	28,000	1.68	47,090
1985	480	66.7	32,000	1.43	45,450
1986	440	67.0	29,500	1.25	36,860
1987	470	59.6	28,000	1.61	44,910
1988	415	36.1	15,000	2.33	35,390
1989	480	44.6	21,400	1.34	28,710
1990	360	61.1	22,000	1.03	22,730
1991	270	53.3	14,400	1.30	18,670
1992	480	75.0	36,000	1.50	54,440
1993	500	64.0	32,000	1.50	47,810
1994	650	66.2	43,000	1.50	64,990
1995	650	62.3	40,500	2.25	91,190
1996	960	71.4	68,500	2.11	144,730
1997	700	68.1	47,700	1.93	91,950
1998	900	74.2	66,800	1.70	113,320
1999	730	75.9	55,400	1.39	76,900
2000	860	76.6	65,900	1.45	95,870
2001[R]	800	60.6	48,500	2.83	137,470
2002	1,000	66.0	66,000	2.73	180,380

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 79: Historical Production and Value of Barley

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	376	1,390	523	39	20,160
1961	265	740	196	48	9,450
1962	255	1,790	457	44	20,160
1963	236	1,475	348	45	15,520
1964	201	1,730	348	48	16,800
1965	243	1,970	479	48	23,100
1966	354	1,725	610	50	30,800
1967	393	1,825	718	41	29,370
1968	473	1,980	936	36	33,970
1969	486	1,880	914	32	28,980
1970	607	1,830	1,110	34	37,740
1971	830	2,465	2,047	32	65,800
1972	850	2,180	1,851	58	107,100
1973	850	2,125	1,807	115	208,330
1974	728	1,585	1,154	102	117,600
1975	607	1,830	1,110	105	116,280
1976	647	2,255	1,459	92	134,000
1977	769	2,660	2,047	76	155,100
1978	708	2,615	1,851	78	143,650
1979	587	2,150	1,263	103	129,920
1980	809	1,940	1,568	137	214,560
1981	951	2,450	2,330	119	277,300
1982	809	2,930	2,373	91	215,940
1983	708	2,240	1,589	120	190,680
1984	728	2,660	1,938	121	234,500
1985	749	3,370	2,526	99	250,070
1986	627	2,950	1,851	78	144,350
1987	688	2,816	1,938	71	137,580
1988	575	1,932	1,110	128	142,130
1989	647	2,390	1,546	115	177,790
1990	607	3,228	1,960	79	154,840
1991	506	2,820	1,426	80	114,730
1992	425	3,690	1,568	85	132,680
1993	445	2,790	1,241	80	99,280
1994	425	3,130	1,328	97	128,830
1995	465	2,850	1,328	163	216,480
1996	627	3,370	2,112	118	249,200
1997	546	3,090	1,685	103	173,860
1998	502	3,250	1,631	94	153,780
1999	405	3,000	1,215	90	108,830
2000	482	3,370	1,622	108	175,930
2001[R]	445	2,770	1,234	130	160,960
2002	405	2,900	1,176	159	187,050

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 79: Barley Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	930	26.1	24,000	0.84	20,160
1961	655	13.7	9,000	1.05	9,450
1962	629	33.4	21,000	0.96	20,160
1963	584	27.4	16,000	0.97	15,520
1964	497	32.2	16,000	1.05	16,800
1965	601	36.6	22,000	1.05	23,100
1966	875	32.0	28,000	1.10	30,800
1967	970	34.0	33,000	0.89	29,370
1968	1,170	36.8	43,000	0.79	33,970
1969	1,200	35.0	42,000	0.69	28,980
1970	1,500	34.0	51,000	0.74	37,740
1971	2,052	45.8	94,000	0.70	65,800
1972	2,100	40.5	85,000	1.26	107,100
1973	2,100	39.5	83,000	2.51	208,330
1974	1,800	29.4	53,000	2.22	117,600
1975	1,500	34.0	51,000	2.28	116,280
1976	1,600	41.9	67,000	2.00	134,000
1977	1,900	49.5	94,000	1.65	155,100
1978	1,750	48.6	85,000	1.69	143,650
1979	1,450	40.0	58,000	2.24	129,920
1980	2,000	36.0	72,000	2.98	214,560
1981	2,350	45.5	107,000	2.59	277,300
1982	2,000	54.5	109,000	1.98	215,940
1983	1,750	41.7	73,000	2.61	190,680
1984	1,800	49.4	89,000	2.63	234,500
1985	1,850	62.7	116,000	2.10	250,070
1986	1,550	54.8	85,000	1.70	144,350
1987	1,700	52.4	89,000	1.55	137,580
1988	1,420	35.9	51,000	2.80	142,130
1989	1,600	44.4	71,000	2.50	177,790
1990	1,500	60.0	90,000	1.72	154,840
1991	1,250	52.4	65,500	1.75	114,730
1992	1,050	68.6	72,000	1.85	132,680
1993	1,100	51.8	57,000	1.75	99,280
1994	1,050	58.1	61,000	2.11	128,830
1995	1,150	53.0	61,000	3.55	216,480
1996	1,550	62.6	97,000	2.57	249,200
1997	1,350	57.3	77,400	2.25	173,860
1998	1,240	60.4	74,900	2.05	153,780
1999	1,000	55.8	55,800	1.95	108,830
2000	1,190	62.6	74,500	2.36	175,930
2001[R]	1,100	51.5	56,700	2.84	160,960
2002	1,000	54.0	54,000	3.46	187,050

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 80: Historical Production and Value of All Rye

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	33.8	1,240	41.9	34	1,444
1961	31.8	705	22.4	43	957
1962	48.2	1,585	76.5	41	3,150
1963	38.2	1,395	53.3	49	2,625
1964	54.2	1,315	71.3	41	2,940
1965	54.2	1,410	76.5	41	3,120
1966	40.2	1,525	61.4	42	2,592
1967	57.4	1,175	67.4	43	2,880
1968	48.4	1,310	63.5	39	2,500
1969	66.2	1,140	75.5	34	2,573
1970	52.8	1,365	72.0	34	2,469
1971	51.6	1,625	83.8	29	2,460
1972	32.6	1,435	46.8	51	2,397
1973	32.8	1,650	54.1	105	5,684
1974	40.8	1,545	63.0	89	5,625
1975	47.8	1,590	76.0	99	7,500
1976	36.8	1,855	68.3	84	5,750
1977	44.8	1,880	84.3	86	7,190
1978	50.8	1,955	99.4	103	10,220
1979	50.4	1,580	79.6	145	11,590
1980	60.8	1,235	75.0	171	12,760
1981	76.4	2,290	175.1	148	25,910
1982	92.8	2,300	213.1	87	18,540
1983	85.0	1,920	163.0	107	17,440
1984	88.6	2,210	195.8	93	18,210
1985	78.2	2,140	167.3	66	11,040
1986	29.1	1,973	57.4	61	3,500
1987	26.3	1,738	45.7	86	3,930
1988	44.5	1,256	55.9	105	5,870
1989	93.1	2,128	198.1	78	15,450
1990	72.8	2,163	157.5	58	9,130
1991	32.0	1,910	61.0	71	4,360
1992	30.4	2,170	66.0	79	5,220
1993	26.3	1,640	43.2	85	3,670
1994	16.2	2,350	38.1	99	3,770
1995	24.3	2,200	53.3	131	6,980
1996	30.4	2,170	66.0	152	10,030
1997	34.4	1,800	62.2	154	9,550
1998	48.6	2,400	116.8	93	10,910
1999	32.4	2,350	76.2	67	5,130
2000	22.3	2,510	55.9	70	3,930
2001[R]	18.2	2,070	37.7	118	4,440
2002	18.2	2,100	38.1	146	5,580

SOURCE: Statistics Canada, Manitoba Agriculture and Food

TABLE 80: All Rye Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	83.0	20.0	1,660	0.87	1,444
1961	79.5	11.1	886	1.08	957
1962	119.0	25.2	3,000	1.05	3,150
1963	95.0	22.1	2,100	1.25	2,625
1964	133.0	21.1	2,800	1.05	2,940
1965	133.0	22.6	3,000	1.04	3,120
1966	100.5	23.9	2,400	1.08	2,592
1967	141.1	18.9	2,667	1.08	2,880
1968	120.0	20.8	2,500	1.00	2,500
1969	163.0	18.1	2,958	0.87	2,573
1970	130.0	21.8	2,838	0.87	2,469
1971	128.5	25.5	3,280	0.75	2,460
1972	81.5	22.5	1,830	1.31	2,397
1973	82.0	26.2	2,145	2.65	5,684
1974	102.0	24.5	2,500	2.25	5,625
1975	117.0	25.6	3,000	2.50	7,500
1976	92.0	29.3	2,700	2.13	5,750
1977	110.0	30.0	3,300	2.18	7,190
1978	125.0	31.2	3,900	2.62	10,220
1979	125.0	25.2	3,150	3.68	11,590
1980	150.0	19.6	2,940	4.34	12,760
1981	190.0	36.3	6,900	3.76	25,910
1982	230.0	36.5	8,400	2.21	18,540
1983	210.0	30.6	6,420	2.72	17,440
1984	220.0	35.0	7,710	2.36	18,210
1985	200.0	33.8	6,590	1.68	11,040
1986	72.0	31.4	2,260	1.55	3,500
1987	65.0	27.7	1,800	2.18	3,930
1988	110.0	20.0	2,200	2.67	5,870
1989	230.0	33.9	7,800	1.98	15,450
1990	180.0	34.4	6,200	1.47	9,130
1991	79.0	30.4	2,400	1.80	4,360
1992	75.0	34.7	2,600	2.00	5,220
1993	65.0	26.2	1,700	2.15	3,670
1994	40.0	37.5	1,500	2.50	3,770
1995	60.0	35.0	2,100	3.30	6,980
1996	75.0	34.6	2,600	3.86	10,030
1997	85.0	28.8	2,450	3.90	9,550
1998	120.0	38.3	4,600	2.37	10,910
1999	80.0	37.5	3,000	1.71	5,130
2000	55.0	40.0	2,200	1.78	3,930
2001[R]	45.0	33.0	1,485	2.99	4,440
2002	45.0	33.3	1,500	3.72	5,580

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 81: Historical Production and Value of Mixed Grains

Year	Harvested Hectares*	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	51.0	1,600	81.5	37	2,996
1961	63.5	920	58.3	45	2,600
1962	50.2	2,035	102.1	40	4,100
1963	51.0	1,560	79.6	37	2,964
1964	51.0	1,960	100.0	41	4,116
1965	59.1	2,075	122.5	42	5,100
1966	74.5	1,875	139.7	47	6,503
1967	72.0	1,900	136.8	44	6,030
1968	72.0	2,185	157.2	38	5,929
1969	76.9	1,885	144.9	31	4,544
1970	101.2	1,855	187.8	35	6,532
1971	114.9	2,400	275.6	32	8,775
1972	117.4	2,175	255.1	53	13,500
1973	119.4	2,135	255.1	101	25,875
1974	80.9	1,515	122.5	93	11,400
1975	80.9	1,890	153.1	91	13,950
1976	68.8	2,045	140.8	77	10,833
1977	68.8	2,375	163.3	80	13,040
1978	64.7	2,395	155.1	83	12,920
1979	56.7	2,125	120.4	105	12,626
1980	48.6	1,805	87.8	130	11,395
1981	48.6	2,265	110.2	115	12,670
1982	48.6	2,685	130.6	89	11,620
1983	48.6	2,015	98.0	115	11,270
1984	44.5	2,330	104.0	127	13,210
1985	40.5	2,750	112.0	92	10,300
1986	14.2	2,585	36.7	68	2,500
1987	14.2	2,585	36.7	72	2,640
1988	10.1	1,614	16.3	121	1,970
1989	12.1	2,190	26.5	100	2,650
1990	10.9	2,430	26.5	80	2,120
1991	12.1	2,520	30.6	85	2,600
1992	8.1	3,150	25.5	86	2,180
1993	12.1	2,360	28.6	92	2,630
1994	12.1	2,360	28.6	110	3,150
1995	12.1	2,530	30.6	166	5,080
1996	10.1	2,830	28.6	147	4,200
1997	8.1	2,520	20.4	126	2,560
1998	4.0	2,600	10.2	102	1,040
1999	4.0	2,800	11.2	91	1,020
2000	6.1	3,020	18.4	93	1,710
2001[R]	6.1	2,300	14.3	128	1,820
2002	8.1	2,500	20.4	151	3,090

* Seeded area to 1985, harvested area from 1986.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 81: Mixed Grains Continued

Year	Harvested Acres*	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	126	31.7	3,994	0.75	2,996
1961	57	18.2	2,857	0.91	2,600
1962	124	40.3	5,000	0.82	4,100
1963	126	31.0	3,900	0.76	2,964
1964	126	38.9	4,900	0.84	4,116
1965	146	41.1	6,000	0.85	5,100
1966	184	37.2	6,845	0.95	6,503
1967	178	37.6	6,700	0.90	6,030
1968	178	43.3	7,700	0.77	5,929
1969	190	37.4	7,100	0.64	4,544
1970	250	36.8	9,200	0.71	6,532
1971	284	47.5	13,500	0.65	8,775
1972	290	43.1	12,500	1.08	13,500
1973	295	42.4	12,500	2.07	25,875
1974	200	30.0	6,000	1.90	11,400
1975	200	37.5	7,500	1.86	13,950
1976	170	40.6	6,900	1.57	10,833
1977	170	47.1	8,000	1.63	13,040
1978	160	47.5	7,600	1.70	12,920
1979	140	42.1	5,900	2.14	12,626
1980	120	35.8	4,300	2.65	11,395
1981	120	45.0	5,400	2.35	12,670
1982	120	53.3	6,400	1.82	11,620
1983	120	40.0	4,800	2.35	11,270
1984	110	46.4	5,100	2.59	13,210
1985	100	55.0	5,500	1.88	10,300
1986	35	51.4	1,800	1.39	2,500
1987	35	51.4	1,800	1.47	2,640
1988	25	32.0	800	2.47	1,970
1989	30	43.3	1,300	2.04	2,650
1990	27	48.1	1,300	1.65	2,120
1991	30	50.0	1,500	1.75	2,600
1992	20	62.5	1,250	1.75	2,180
1993	30	46.7	1,400	1.90	2,630
1994	30	46.7	1,400	2.25	3,150
1995	30	50.0	1,500	3.40	5,080
1996	25	57.4	1,400	3.00	4,200
1997	20	50.0	1,000	2.57	2,560
1998	10	50.0	500	2.08	1,040
1999	10	55.0	550	1.85	1,020
2000	15	60.0	900	1.90	1,710
2001[R]	15	46.7	700	2.61	1,820
2002	20	50.0	1,000	3.10	3,090

* Seeded area to 1985, harvested area from 1986.
SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 82: Historical Production and Value of Grain Corn

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	2.2	2,045	4.5	43	193
1961	1.7	1,825	3.1	45	141
1962	1.3	2,615	3.4	45	152
1963	1.8	2,555	4.6	49	225
1964	2.0	1,600	3.2	47	150
1965	2.4	1,585	3.8	49	188
1966	1.2	2,750	3.3	58	191
1967	2.2	3,180	7.0	59	412
1968	1.0	2,500	2.5	53	132
1969	1.2	2,085	2.5	54	135
1970	1.4	2,570	3.6	58	210
1971	3.7	3,025	11.2	49	550
1972	5.3	3,360	17.8	61	1,085
1973	6.5	3,445	22.4	120	2,684
1974	2.0	2,400	4.8	145	697
1975	4.9	3,900	19.1	120	2,288
1976	6.9	4,230	29.2	119	3,473
1977	9.7	4,060	39.4	103	4,061
1978	35.6	4,140	147.3	110	16,240
1979	52.6	3,765	198.1	124	24,570
1980	56.7	3,360	190.5	134	25,500
1981	91.1	4,740	431.8	106	45,770
1982	80.9	3,140	254.0	105	26,670
1983	77.0	2,830	218.0	130	28,340
1984	73.0	3,230	236.0	140	33,040
1985	40.5	1,880	76.0	120	9,120
1986	13.8	4,420	61.0	92	5,610
1987	20.2	5,406	109.2	92	10,050
1988	34.4	3,323	114.3	133	15,200
1989	36.4	3,140	114.3	122	13,940
1990	34.4	4,799	165.1	110	18,160
1991	40.5	5,080	205.7	110	22,670
1992	12.1	2,930	35.6	92	3,280
1993	14.2	2,600	36.8	112	4,130
1994	22.3	5,250	116.8	149	17,400
1995	18.2	5,160	94.0	178	16,730
1996	28.3	5,020	142.2	143	20,330
1997	30.4	5,010	152.4	129	19,660
1998	36.4	5,930	215.9	114	24,610
1999	40.5	5,900	238.8	101	24,120
2000	52.6	5,020	264.2	107	28,270
2001[R]	40.5	6,200	250.2	118	29,520
2002	62.7	5,900	368.3	143	52,670

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 82: Grain Corn Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	5.5	32.5	179	1.08	193
1961	4.1	30.0	123	1.15	141
1962	3.3	40.0	132	1.15	152
1963	4.5	40.0	180	1.25	225
1964	5.0	25.0	125	1.20	150
1965	6.0	25.0	150	1.25	188
1966	2.9	44.8	130	1.47	191
1967	5.5	50.0	275	1.50	412
1968	2.5	40.0	100	1.32	132
1969	3.0	33.3	100	1.35	135
1970	3.5	40.0	140	1.50	210
1971	9.1	48.4	440	1.25	550
1972	13.0	53.8	700	1.55	1,085
1973	16.0	55.0	880	3.05	2,684
1974	5.0	38.0	190	3.67	697
1975	12.0	62.5	750	3.05	2,288
1976	17.0	67.6	1,150	3.02	3,473
1977	24.0	64.6	1,550	2.62	4,061
1978	88.0	65.9	5,800	2.80	16,240
1979	130.0	60.0	7,800	3.15	24,570
1980	140.0	53.6	7,500	3.40	25,500
1981	225.0	75.6	17,000	2.69	45,770
1982	200.0	50.0	10,000	2.67	26,670
1983	190.0	45.3	8,600	3.30	28,340
1984	180.0	51.7	9,300	3.55	33,040
1985	100.0	30.0	3,000	3.04	9,120
1986	34.0	70.6	2,400	2.34	5,610
1987	50.0	86.0	4,300	2.33	10,050
1988	85.0	52.9	4,500	3.37	15,200
1989	90.0	50.0	4,500	3.10	13,940
1990	85.0	76.5	6,500	2.79	18,160
1991	100.0	81.0	8,100	2.80	22,670
1992	30.0	46.7	1,400	2.35	3,280
1993	35.0	41.4	1,450	2.85	4,130
1994	55.0	83.6	4,600	3.80	17,400
1995	45.0	82.2	3,700	4.50	16,730
1996	70.0	80.0	5,600	3.63	20,330
1997	75.0	80.0	6,000	3.28	19,660
1998	90.0	94.4	8,500	2.90	24,610
1999	100.0	94.0	9,400	2.57	24,120
2000	130.0	80.0	10,400	2.72	28,270
2001[R]	100.0	98.5	9,850	3.00	29,520
2002	155.0	93.5	14,500	3.63	52,670

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 83: Historical Production Value Summary of Oilseeds

Year	Canola	Flaxseed	Sunflower Seed	Soybeans	TOTAL OILSEEDS
	thousand dollars				
1960	960	17,600	1,008		19,568
1961	648	14,190	961		15,799
1962	1,015	23,400	845		25,260
1963	1,900	26,505	1,547		29,952
1964	3,969	31,270	1,260		36,499
1965	5,880	43,578	1,584		51,042
1966	5,145	28,350	1,680		35,175
1967	4,416	17,556	1,584		23,556
1968	3,572	29,536	1,200		34,308
1969	8,400	26,214	1,870		36,484
1970	16,704	25,530	3,250		45,484
1971	25,800	12,862	7,091		45,753
1972	26,350	24,190	10,640		61,180
1973	44,968	72,580	8,750		126,298
1974	60,095	63,096	3,731		126,922
1975	63,875	55,020	6,600		125,495
1976	27,540	44,160	5,300		77,000
1977	80,640	68,250	20,125		169,015
1978	161,925	85,125	27,940		274,990
1979	151,500	124,425	50,600		326,525
1980	83,720	69,510	35,000		188,230
1981	86,650	84,500	41,980		213,130
1982	103,790	106,600	17,290		227,680
1983	152,050	95,930	12,160		260,140
1984	190,940	139,160	28,580		358,680
1985	167,000	148,140	13,570		328,710
1986	111,700	94,480	6,920		213,100
1987	140,050	78,560	8,990		227,600
1988	189,860	65,270	8,090		263,220
1989	102,180	72,320	15,940		190,440
1990	116,940	79,250	23,660		219,850
1991	187,370	51,870	28,480		267,720
1992	263,370	44,270	13,480		321,120
1993	272,960	55,010	15,120		343,090
1994	516,950	102,110	27,800		646,860
1995	451,540	119,960	15,400		586,900
1996	411,260	120,000	13,000		544,260
1997	553,850	134,110	15,310		703,270
1998[R]	631,050	110,010	33,220	3,790	778,070
1999[R]	392,790	55,450	25,750	700	474,690
2000[R]	357,070	48,550	31,700	2,840	440,160
2001[R]	348,010	62,210	35,420	9,020	454,660
2002	527,290	82,410	65,250	32,330	707,280

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 84: Historical Production and Value of Canola

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	13.4	815	11	88	960
1961	12	690	8	79	648
1962	13	1,015	13	77	1,015
1963	18	945	17	110	1,900
1964	34	980	33	119	3,969
1965	59	925	54	108	5,880
1966	69	690	48	108	5,145
1967	59	890	52	85	4,416
1968	37	1,170	43	83	3,572
1969	79	1,000	79	106	8,400
1970	162	1,010	163	102	16,704
1971	235	1,160	272	95	25,800
1972	190	1,015	193	137	26,350
1973	162	1,080	175	258	44,968
1974	202	955	193	312	60,095
1975	304	935	284	225	63,875
1976	101	1,010	102	270	27,540
1977	202	1,435	290	278	80,640
1978	425	1,360	578	280	161,925
1979	546	1,040	567	267	151,500
1980	324	910	295	284	83,720
1981	243	1,260	306	283	86,650
1982	344	1,160	399	260	103,790
1983	384	1,030	397	383	152,050
1984	486	1,120	544	351	190,940
1985	405	1,570	635	263	167,000
1986	397	1,430	567	197	111,700
1987	393	1,445	567	247	140,050
1988	648	981	635	299	189,860
1989	445	866	386	265	102,180
1990	352	1,308	460	254	116,940
1991	508	1,570	796	235	187,370
1992	627	1,570	987	267	263,370
1993	736	1,230	907	301	272,960
1994	1,012	1,470	1,486	348	516,950
1995	941	1,300	1,227	368	451,540
1996	627	1,700	1,068	385	411,260
1997	923	1,620	1,497	370	553,850
1998	1,105	1,630	1,803	350	631,050
1999	996	1,720	1,708	230	392,790
2000	935	1,590	1,488	240	357,070
2001[R]	761	1,480	1,123	310	348,010
2002	870	1,600	1,406	375	527,290

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 84: Canola Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	33	14.5	480	2.00	960
1961	29	12.3	360	1.80	648
1962	32	18.0	580	1.75	1,015
1963	45	16.9	760	2.50	1,900
1964	84	17.5	1,470	2.70	3,969
1965	145	16.6	2,400	2.45	5,880
1966	170	12.4	2,100	2.45	5,145
1967	145	15.9	2,300	1.92	4,416
1968	91	20.9	1,900	1.88	3,572
1969	196	17.9	3,500	2.40	8,400
1970	400	18.0	7,200	2.32	16,704
1971	581	20.7	12,000	2.15	25,800
1972	470	18.1	8,500	3.10	26,350
1973	400	19.2	7,700	5.84	44,968
1974	500	17.0	8,500	7.07	60,095
1975	750	16.7	12,500	5.11	63,875
1976	250	18.0	4,500	6.12	27,540
1977	500	25.6	12,800	6.30	80,640
1978	1,050	24.3	25,500	6.35	161,925
1979	1,350	18.5	25,000	6.06	151,500
1980	800	16.2	13,000	6.44	83,720
1981	600	22.5	13,500	6.42	86,650
1982	850	20.7	17,600	5.90	103,790
1983	950	18.4	17,500	8.69	152,050
1984	1,200	20.0	24,000	7.96	190,940
1985	1,000	28.0	28,000	5.96	167,000
1986	980	25.5	25,000	4.47	111,700
1987	970	25.8	25,000	5.60	140,050
1988	1,600	17.5	28,000	6.78	189,860
1989	1,100	15.5	17,000	6.01	102,180
1990	870	23.3	20,300	5.76	116,940
1991	1,255	28.0	35,100	5.35	187,370
1992	1,550	28.1	43,500	6.05	263,370
1993	1,820	22.0	40,000	6.80	272,960
1994	2,500	26.2	65,500	7.90	516,950
1995	2,325	23.3	54,100	8.35	451,540
1996	1,550	30.4	47,100	8.73	411,260
1997	2,280	28.9	66,000	8.39	553,850
1998	2,730	29.1	79,500	7.94	631,050
1999	2,460	30.6	75,300	5.22	392,790
2000	2,310	28.4	65,600	5.44	357,070
2001[R]	1,880	26.3	49,500	7.03	348,010
2002	2,150	28.8	62,000	8.50	527,290

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 85: Historical Production and Value of Flaxseed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	286.0	570	162.6	108	17,600
1961	303.0	360	109.2	130	14,190
1962	270.0	735	198.1	118	23,400
1963	332.0	710	236.2	112	26,505
1964	415.0	650	269.3	116	31,270
1965	546.0	755	411.5	106	43,578
1966	448.0	595	266.7	106	28,350
1967	267.0	540	144.8	121	17,556
1968	332.0	795	264.2	112	29,536
1969	445.0	580	259.1	101	26,214
1970	445.0	655	292.1	87	25,530
1971	229.0	655	149.9	86	12,862
1972	202.0	740	149.9	161	24,190
1973	243.0	795	193.0	376	72,580
1974	283.0	590	167.6	376	63,096
1975	304.0	700	213.4	258	55,020
1976	212.0	755	160.0	276	44,160
1977	304.0	1,085	330.2	207	68,250
1978	304.0	1,045	317.5	268	85,125
1979	506.0	880	444.5	280	124,425
1980	324.0	650	210.8	331	69,510
1981	283.0	925	261.6	323	84,500
1982	364.0	1,200	436.9	244	106,600
1983	304.0	980	297.0	323	95,930
1984	425.0	1,030	439.0	317	139,160
1985	425.0	1,320	559.0	265	148,140
1986	414.8	1,317	546.1	173	94,480
1987	315.7	1,263	398.8	197	78,560
1988	259.0	696	180.3	362	65,270
1989	279.2	783	218.5	331	72,320
1990	295.4	1,290	381.0	208	79,250
1991	250.1	1,320	330.2	157	51,870
1992	133.5	1,560	208.3	213	44,270
1993	218.5	1,120	243.9	226	55,010
1994	275.2	1,380	381.0	268	102,110
1995	313.6	1,290	403.9	297	119,960
1996	228.7	1,570	358.2	335	120,000
1997	303.5	1,340	406.4	330	134,110
1998	275.2	1,310	360.7	305	110,010
1999	202.3	1,340	271.8	204	55,450
2000	174.0	1,180	205.7	236	48,550
2001[R]	176.0	1,100	199.4	312	62,210
2002	172.0	1,200	214.6	384	82,410

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 85: Flaxseed Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	707	9.1	6,400	2.75	17,600
1961	748	5.7	4,300	3.30	14,190
1962	667	11.7	7,800	3.00	23,400
1963	820	11.3	9,300	2.85	26,505
1964	1,025	10.3	10,600	2.95	31,270
1965	1,350	12.0	16,200	2.69	43,578
1966	1,107	9.5	10,500	2.70	28,350
1967	660	8.6	5,700	3.08	17,556
1968	820	12.7	10,400	2.84	29,536
1969	1,100	9.3	10,200	2.57	26,214
1970	1,100	10.5	11,500	2.22	25,530
1971	566	10.4	5,900	2.18	12,862
1972	500	11.8	5,900	4.10	24,190
1973	600	12.7	7,600	9.55	72,580
1974	700	9.4	6,600	9.56	63,096
1975	750	11.2	8,400	6.55	55,020
1976	525	12.0	6,300	7.01	44,160
1977	750	17.3	13,000	5.25	68,250
1978	750	16.7	12,500	6.81	85,125
1979	1,250	14.0	17,500	7.11	124,425
1980	800	10.4	8,300	8.41	69,510
1981	700	14.7	10,300	8.20	84,500
1982	900	19.1	17,200	6.20	106,600
1983	750	15.6	11,700	8.20	95,930
1984	1,050	16.5	17,300	8.05	139,160
1985	1,050	21.0	22,000	6.73	148,140
1986	1,025	21.0	21,500	4.39	94,480
1987	780	20.1	15,700	5.00	78,560
1988	640	11.1	7,100	9.20	65,270
1989	690	12.5	8,600	8.41	72,320
1990	730	20.5	15,000	5.28	79,250
1991	618	21.0	13,000	4.00	51,870
1992	330	24.8	8,200	5.40	44,270
1993	540	17.8	9,600	5.75	55,010
1994	680	22.1	15,000	6.80	102,110
1995	775	20.5	15,900	7.50	119,960
1996	565	25.0	14,100	8.51	120,000
1997	750	21.3	16,000	8.38	134,110
1998	680	20.9	14,200	7.75	110,010
1999	500	21.4	10,700	5.18	55,450
2000	430	18.8	8,100	5.99	48,550
2001[P]	435	18.0	7,850	7.93	62,210
2002	425	19.9	8,450	9.75	82,410

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 86: Historical Production and Value of Sunflower Seed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960	11.3	905	10,200	99	1,008
1961	12.3	790	9,700	99	961
1962	8.3	845	7,000	121	845
1963	15.0	1,060	15,900	97	1,547
1964	19.4	590	11,400	111	1,260
1965	19.4	620	12,000	132	1,584
1966	17.4	730	12,700	132	1,680
1967	17.8	900	16,000	99	1,584
1968	15.0	725	10,900	110	1,200
1969	19.4	795	15,400	121	1,870
1970	26.3	895	23,600	138	3,250
1971	62.7	840	52,700	135	7,091
1972	76.9	895	68,900	154	10,640
1973	50.6	785	39,700	220	8,750
1974	8.5	975	8,300	450	3,731
1975	25.1	1,190	29,900	221	6,600
1976	20.2	1,190	24,000	221	5,300
1977	66.8	1,190	79,400	253	20,125
1978	87.0	1,325	115,200	243	27,940
1979	153.8	1,355	208,700	242	50,600
1980	129.5	1,225	158,800	220	35,000
1981	109.3	1,455	159,000	264	41,980
1982	70.8	1,235	87,300	198	17,290
1983	36.4	1,120	40,800	298	12,160
1984	68.8	1,150	79,400	360	28,580
1985	48.6	1,210	59,000	230	13,570
1986	23.1	1,433	33,100	209	6,920
1987	28.3	1,572	44,500	202	8,990
1988	34.4	1,238	42,600	190	8,090
1989	46.5	1,355	63,000	253	15,940
1990	56.7	1,776	100,700	235	23,660
1991	73.8	1,684	124,300	229	28,480
1992	42.5	1,301	55,300	244	13,480
1993	44.5	1,060	47,200	329	15,120
1994	56.7	1,527	86,600	321	27,800
1995	26.3	1,654	43,500	354	15,400
1996	25.5	1,478	37,700	345	13,000
1997	34.4	1,380	47,600	322	15,310
1998	50.6	1,700	86,200	385	33,220
1999	50.6	1,640	82,900	311	25,750
2000	58.7	1,730	101,800	311	31,700
2001[R]	56.7	1,600	92,900	381	35,420
2002	80.9	1,700	136,100	479	65,250

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

LE 86: Sunflower Seed Continued

ar	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
60	28.0	800	22,400	.045	1,008
61	30.5	700	21,350	.045	961
62	20.5	749	15,360	.055	845
63	37.0	950	35,150	.044	1,547
64	48.0	525	25,200	.050	1,260
65	48.0	550	26,400	.060	1,584
66	43.1	650	28,000	.060	1,680
67	44.0	800	35,200	.045	1,584
68	37.0	650	24,000	.050	1,200
69	48.0	708	34,000	.055	1,870
70	65.0	800	52,000	.0625	3,250
71	155.0	750	116,250	.061	7,091
72	190.0	800	152,000	.070	10,640
73	125.0	700	87,500	.100	8,750
74	21.0	867	18,200	.205	3,731
75	62.0	1,065	66,000	.100	6,600
76	50.0	1,060	53,000	.100	5,300
77	165.0	1,061	175,000	.115	20,125
78	215.0	1,182	254,000	.110	27,940
79	380.0	1,211	460,000	.110	50,600
80	320.0	1,094	350,000	.100	35,000
81	270.0	1,300	350,000	.120	41,980
82	175.0	1,100	192,500	.090	17,290
83	90.0	1,000	90,000	.135	12,160
84	170.0	1,030	175,000	.163	28,580
85	120.0	1,080	130,000	.100	13,570
86	57.0	1,281	73,000	.090	6,920
87	70.0	1,400	98,000	.090	8,990
88	85.0	1,106	94,000	.090	8,090
89	115.0	1,209	139,000	.115	15,940
90	140.0	1,586	222,000	.107	23,660
91	182.4	1,500	274,000	.100	28,480
92	105.0	1,162	122,000	.110	13,480
93	110.0	945	104,000	.145	15,120
94	140.0	1,364	191,000	.146	27,800
95	65.0	1,480	96,000	.161	15,400
96	63.0	1,320	83,100	.156	13,000
97	85.0	1,235	104,900	.146	15,310
98	125.0	1,520	190,000	.175	33,220
99	125.0	1,460	182,800	.140	25,750
00	145.0	1,550	224,500	.141	31,700
01[R]	140.0	1,462	204,700	.170	35,420
02	200.0	1,500	300,000	.220	65,250

URCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 87: Historical Production and Value of Soybeans

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					
1982					
1983					
1984					
1985					
1986	0.14			148	
1987	0.14			185	
1988	0.14			224	
1989	0.14			199	
1990	0.14			191	
1991	0.05			176	
1992	0.05			226	
1993	0.04			261	
1994	0.04			276	
1995	0.04			289	
1996	0.24			289	
1997	2.4			289	
1998	7.3	1,980	14,420	263	3,790
1999	2.0	2,040	4,080	173	700
2000	8.1	1,950	15,780	180	2,840
2001	20.2	1,820	36,740	245	9,020
2002	52.6	2,070	108,900	297	32,330

SOURCE: Statistics Canada; Manitoba Agriculture and Food

LE 87: Soybeans Continued

ar	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
71					
72					
73					
74					
75					
76					
77					
78					
79					
80					
81					
82					
83					
84					
85					
86	0.3			4.00	
87	0.3			5.05	
88	0.3			6.10	
89	0.3			5.40	
90	0.3			5.20	
91	0.1			4.80	
92	0.1			5.45	
93	0.1			6.15	
94	0.1			7.10	
95	0.1			7.50	
96	0.6			7.85	
97	6			7.85	
98	18	29.5	530	7.15	3,790
99	5	30.5	150	4.70	700
00	20	29.0	580	4.90	2,840
01	50	27.0	1,350	6.70	9,020
02	130	30.8	4,000	8.10	32,330

URCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 88: Historical Production Value Summary of Other Crops

Year	Buck-wheat	Canary Seed	Dry Beans	Dry Peas	Faba-beans	Lentils	Mustard Seed	Sugar Beets	Wild Rice	Fodder Corn	Tame Hay	Straw	Other Crops*	TOTAL
	thousand dollars													
1960	234			1,534			15	3,547		1,001	20,717			27,048
1961	164			1,470			184	2,430		1,188	15,820			21,256
1962	336			1,100			482	3,976		1,820	29,260			36,974
1963	435	26	10	1,610			1,010	5,791		2,114	28,005			39,001
1964	400	NA	NA	2,578			435	4,034		1,470	23,440			32,357
1965	210	9	10	1,699			1,214	4,502		1,834	26,928			36,406
1966	629	60	2	1,645			882	4,106		1,596	34,617			43,537
1967	1,050	NA	NA	1,470			1,096	4,036		980	28,000			36,632
1968	1,034	NA	NA	1,072			2,750	4,767		1,176	29,600			40,399
1969	1,138	270	10	1,402			1,020	5,937		1,099	31,350			42,226
1970	1,960	130	20	1,897			760	3,700	60	840	33,450			42,817
1971	2,400	70	120	2,100			312	6,926	250	490	34,650			47,318
1972	1,610	120	260	1,900	300	110	562	7,301	361	1,600	40,000			54,124
1973	3,375	270	390	4,620	1,700	120	2,240	9,803	439	1,980	66,000			90,937
1974	3,402	110	120	5,246	100	190	5,550	11,281	110	2,940	84,000			113,049
1975	1,462	360	340	3,375	200	40	1,812	14,374	128	4,350	92,500			118,941
1976	1,616	980	870	4,702	100	40	1,613	11,918	351	4,200	97,968			124,358
1977	6,750	1,820	260	7,425	400	600	3,780	12,523	1,512	5,250	97,500			137,820
1978	12,150	1,160	240	7,790	1,000	270	7,040	14,230	1,071	6,800	107,010			158,761
1979	4,380	900	720	8,265	1,500	2,070	2,100	19,465	1,273	7,560	117,936			166,169
1980	5,000	2,230	1,510	11,664	2,200	4,620	5,400	13,057	629	12,180	95,250			153,740
1981	17,230	5,250	4,170	19,720	2,100	7,550	7,300	16,762	706	9,560	136,080			226,428
1982	6,910	4,560	3,060	15,750	1,500	7,000	2,570	19,518	461	12,020	124,740			198,089
1983	7,648	2,380	1,930	14,960	1,700	3,500	4,090	13,229	497	7,700	119,740			177,374
1984	4,520	3,000	1,670	18,520	1,400	5,400	4,800	11,288	1,135	6,860	129,400			187,993
1985	3,680	3,000	2,990	21,310	1,000	7,100	5,250	12,967	677	7,370	136,720			202,064
1986	5,010	6,620	6,750	19,650	2,000	8,320	4,940	15,149	770	7,620	188,120			254,949
1987	5,010	2,210	5,800	27,970	2,900	12,310	2,000	17,785	940	4,390	139,340			208,357
1988	3,480	2,210	5,280	16,960	1,100	2,300	1,330	10,055	1,017	4,500	117,230			165,462
1989	4,060	5,350	3,610	13,240	1,000	5,950	2,290	15,017	900	4,530	147,340			203,287
1990	3,600	3,840	9,100	13,080	1,100	15,960	3,670	13,937	935	3,800	166,930			235,952
1991	4,050	1,330	6,600	14,430	560	20,030	1,870	15,798	1,040	5,700	127,370			198,778
1992	1,810	1,590	5,500	21,020	530	23,410	780	13,027	262	1,520	118,100			187,549
1993	1,080	810	5,520	15,620	490	9,720	880	12,803	64	4,340	192,820			244,147
1994	3,350	4,150	20,870	30,703	1,220	13,710	1,160	21,049	1,488	7,940	149,680			260,320
1995	4,810	5,280	25,190	30,280	1,131	12,480	820	17,477	1,024	12,210	115,000			225,702
1996	5,430	11,120	23,930	28,910	1,220	7,350	1,970	15,004	815	8,170	154,680			258,599
1997	3,280	2,995	26,280	31,490	720	1,530	2,510	0	680	7,490	94,350	2,040		173,360
1998	3,960	6,400	36,770	33,170	1,870	1,890	1,240	0	430	12,070	152,180	2,380	2,000	254,360
1999	2,620	1,850	57,150	12,420	1,070	3,610	560	0	975	5,290	187,100	1,955	7,090	281,690
2000	2,990	4,640	61,170	21,980	2,690	4,990	1,080	0	480	8,870	149,690	1,500	11,230	271,310
2001[R]	4,020	7,570	106,010	26,110	1,380	910	3,450	0	990	18,120	187,790	1,950	4,260	362,560
2002	2,360	14,870	128,140	35,680	1,560	20	6,580	0	640	12,780	161,600	1,200	6,000	371,430

* Includes hemp, triticale, safflower, borage, coriander, caraway, and other herbs, aromatics and medicinals.

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

LE 89: Historical Production and Value of Buckwheat

r	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
0	6.1	835	5,100	46	234
1	5.3	585	3,100	53	164
2	4.0	1,140	4,550	74	336
3	6.1	1,075	6,550	66	435
4	10.5	830	8,700	46	400
5	8.1	535	4,350	48	210
6	9.2	805	7,400	85	629
7	18.2	630	11,450	92	1,050
8	20.2	570	11,550	90	1,034
9	20.2	700	14,150	80	1,138
0	32.4	940	30,500	64	1,960
1	32.4	1,075	34,850	69	2,400
2	30.4	825	25,050	64	1,610
3	26.3	745	19,600	172	3,375
4	16.2	940	15,240	223	3,402
5	10.1	925	9,350	156	1,462
6	17.8	490	8,700	186	1,616
7	32.4	1,010	32,650	207	6,750
8	48.6	1,210	58,800	207	12,150
9	54.6	400	21,750	201	4,380
0	39.7	440	17,400	287	5,000
1	50.6	900	45,700	377	17,230
2	46.5	470	21,800	317	6,910
3	36.4	660	23,900	320	7,648
4	28.3	460	13,100	345	4,520
5	12.1	880	10,700	344	3,680
6	21.9	922	20,200	248	5,010
7	16.2	1,247	20,200	248	5,010
8	22.3	614	13,700	254	3,480
9	16.2	728	11,800	344	4,060
0	20.2	1,079	21,800	165	3,600
1	15.7	1,110	17,400	233	4,050
2	14.2	458	6,500	278	1,810
3	6.1	480	2,900	372	1,080
4	8.1	1,075	8,700	385	3,350
5	12.1	1,130	13,700	351	4,810
6	12.1	1,252	15,200	357	5,430
7	10.1	970	9,800	335	3,280
8	12.1	900	10,900	363	3,960
9	10.1	860	8,700	301	2,620
0	12.1	810	9,800	305	2,990
1	12.1	1,000	12,500	321	4,020
2	8.1	900	7,100	333	2,360

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 89: Buckwheat Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	15.0	15.6	234	1.00	234
1961	13.2	10.8	143	1.20	164
1962	10.0	21.0	210	1.60	336
1963	15.0	20.0	300	1.50	435
1964	26.0	15.4	400	1.00	400
1965	20.0	10.0	200	1.10	210
1966	22.7	15.0	340	1.90	629
1967	45.0	11.7	525	2.00	1,050
1968	50.0	10.6	530	2.00	1,034
1969	50.0	13.0	650	1.80	1,138
1970	80.0	17.5	1,400	1.40	1,960
1971	80.0	20.0	1,600	1.50	2,400
1972	75.0	15.3	1,150	1.40	1,610
1973	65.0	13.8	900	3.80	3,375
1974	40.0	17.5	700	4.90	3,402
1975	25.0	17.2	430	3.40	1,462
1976	44.0	9.1	400	4.00	1,616
1977	80.0	18.8	1,500	4.50	6,750
1978	120.0	22.5	2,700	4.50	12,150
1979	135.0	7.4	1,000	4.40	4,380
1980	98.0	8.2	800	6.30	5,000
1981	125.0	16.8	2,100	8.20	17,230
1982	115.0	8.7	1,000	6.90	6,910
1983	90.0	12.2	1,100	7.00	7,648
1984	70.0	8.6	600	7.50	4,520
1985	30.0	16.3	490	7.50	3,680
1986	54.0	17.2	930	5.40	5,010
1987	40.0	23.3	930	5.40	5,010
1988	55.0	11.5	630	5.50	3,480
1989	40.0	13.5	540	7.50	4,060
1990	50.0	20.0	1,000	3.60	3,600
1991	38.7	20.7	800	5.10	4,050
1992	35.0	8.6	300	6.10	1,810
1993	15.0	9.0	135	8.00	1,080
1994	20.0	20.0	400	8.40	3,350
1995	30.0	21.0	630	7.70	4,810
1996	30.0	23.3	700	7.80	5,430
1997	25.0	18.0	450	7.29	3,280
1998	30.0	16.7	500	7.91	3,960
1999	25.0	16.0	400	6.55	2,620
2000	30.0	15.0	450	6.65	2,990
2001	30.0	19.2	575	6.99	4,020
2002	20.0	16.3	325	7.25	2,360

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 90: Historical Production and Value of Canary Seed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1963	0.6	560	340	77	26
1964	NA	NA	NA	NA	NA
1965	0.1	673	80	110	9
1966	1.0	673	680	88	60
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	2.4	1,009	2,450	110	270
1970	2.0	841	1,700	77	130
1971	0.8	1,065	860	77	70
1972	1.4	953	1,350	88	120
1973	1.8	953	1,740	154	270
1974	0.6	560	360	309	110
1975	1.6	841	1,360	265	360
1976	3.0	1,121	3,400	287	980
1977	6.1	1,233	7,480	243	1,820
1978	6.9	953	6,550	176	1,160
1979	7.0	729	5,100	176	900
1980	10.9	841	9,190	243	2,230
1981	14.2	841	11,900	441	5,250
1982	19.4	1,065	20,700	220	4,560
1983	8.9	1,278	11,400	209	2,380
1984	12.1	897	10,900	276	3,000
1985	8.1	1,345	10,900	276	3,000
1986	23.1	1,238	28,600	231	6,620
1987	10.1	1,327	13,400	165	2,210
1988	10.1	762	7,700	287	2,210
1989	14.2	1,423	20,200	265	5,350
1990	12.1	1,496	18,100	212	3,840
1991	8.1	898	7,300	182	1,330
1992	7.3	1,000	7,300	218	1,590
1993	4.0	775	3,100	260	810
1994	10.1	1,350	13,600	305	4,150
1995	10.1	1,210	12,200	433	5,280
1996	26.3	1,280	33,700	330	11,120
1997	8.1	1,140	9,200	325	2,990
1998	18.2	1,370	24,900	257	6,400
1999	6.1	1,250	7,600	244	1,850
2000	16.2	1,060	17,200	270	4,640
2001[R]	20.2	600	11,300	670	7,570
2002	28.3	800	23,600	630	14,870

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 90: Canary Seed Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1963	1.5	500	800	.035	26
1964	NA	NA	NA	NA	NA
1965	0.3	600	200	.050	9
1966	2.5	600	1,500	.040	60
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	6.0	900	5,400	.050	270
1970	5.0	750	3,800	.035	130
1971	2.0	950	1,900	.035	70
1972	3.5	850	3,000	.040	120
1973	4.5	850	3,800	.070	270
1974	1.6	500	800	.140	110
1975	4.0	750	3,000	.120	360
1976	7.5	1,000	7,500	.130	980
1977	15.0	1,100	16,500	.110	1,820
1978	17.0	850	14,500	.080	1,160
1979	17.3	650	11,200	.080	900
1980	27.0	750	20,300	.110	2,230
1981	35.0	750	26,300	.200	5,250
1982	48.0	950	45,600	.100	4,560
1983	22.0	1,140	25,100	.095	2,380
1984	30.0	800	24,000	.125	3,000
1985	20.0	1,200	24,000	.125	3,000
1986	57.0	1,105	63,000	.105	6,620
1987	25.0	1,180	29,500	.075	2,210
1988	25.0	680	17,000	.130	2,210
1989	35.0	1,271	44,500	.120	5,350
1990	30.0	1,333	40,000	.096	3,840
1991	20.1	800	16,000	.083	1,330
1992	18.0	890	16,000	.100	1,590
1993	10.0	680	6,800	.120	810
1994	25.0	1,200	30,000	.138	4,150
1995	25.0	1,080	27,000	.196	5,280
1996	65.0	1,140	74,200	.150	11,120
1997	20.0	1,020	20,300	.147	2,990
1998	45.0	1,220	54,900	.116	6,400
1999	15.0	1,120	16,800	.110	1,850
2000	40.0	950	38,000	.122	4,640
2001[R]	50.0	500	25,000	.300	7,570
2002	70.0	740	52,000	.290	14,870

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

ABLE 91: Historical Production and Value of Dry Beans

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
		(kilograms)	(tonnes)	$	($000)
1963	40	1,009	40	140	10
1964	NA	NA	NA	NA	NA
1965	120	673	80	132	10
1966	30	560	10	176	2
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	100	560	80	176	10
1970	200	560	140	176	20
1971	600	1,233	700	176	120
1972	1,200	1,233	1,500	176	260
1973	600	1,233	790	496	390
1974	500	1,009	490	243	120
1975	800	1,121	860	392	340
1976	3,000	880	2,620	331	870
1977	800	1,009	780	331	260
1978	600	1,098	670	357	240
1979	1,000	1,524	1,540	467	720
1980	2,000	1,211	2,450	617	1,510
1981	7,800	863	6,750	617	4,170
1982	8,500	1,087	9,240	331	3,060
1983	3,000	1,031	3,130	617	1,930
1984	2,800	1,233	3,440	485	1,670
1985	5,300	1,289	6,780	441	2,990
1986	4,800	1,592	7,660	882	6,750
1987	8,100	1,625	13,150	441	5,800
1988	8,900	841	7,480	705	5,280
1989	12,100	498	6,040	595	3,610
1990	17,000	1,345	22,860	397	9,100
1991	15,200	1,250	19,000	350	6,600
1992	10,100	1,156	11,700	470	5,500
1993	13,400	600	8,000	690	5,520
1994	18,200	1,860	33,900	616	20,870
1995	26,300	1,740	45,800	550	25,190
1996	26,000	1,485	38,600	620	23,930
1997	32,400	1,470	47,700	551	26,280
1998	40,500	1,780	72,100	510	36,770
1999	68,800	1,770	121,600	470	57,150
2000	93,100	1,580	147,400	415	61,170
2001[R]	93,100	1,700	159,900	663	106,010
2002	125,500	1,840	231,300	554	128,140

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 91: Dry Beans Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1963	0.1	900	900	.063	10
1964	NA	NA	NA	NA	NA
1965	0.3	600	180	.060	10
1966	0.1	500	30	.080	2
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	0.4	500	180	.080	10
1970	0.6	500	300	.080	20
1971	1.4	1,100	1,540	.080	120
1972	3.0	1,100	3,300	.080	260
1973	1.6	1,100	1,740	.225	390
1974	1.2	900	1,080	.110	120
1975	1.9	1,000	1,900	.178	340
1976	7.4	785	5,770	.150	870
1977	1.9	900	1,710	.150	260
1978	1.5	980	1,470	.162	240
1979	2.5	1,360	3,400	.212	720
1980	5.0	1,080	5,400	.280	1,510
1981	19.3	770	14,880	.280	4,170
1982	21.0	970	20,370	.150	3,060
1983	7.5	920	6,900	.280	1,930
1984	6.9	1,100	7,590	.220	1,670
1985	13.0	1,150	14,950	.200	2,990
1986	11.9	1,420	16,880	.400	6,750
1987	20.0	1,450	29,000	.200	5,800
1988	22.0	750	16,500	.320	5,280
1989	30.0	444	13,320	.270	3,610
1990	42.0	1,200	50,400	.180	9,100
1991	37.6	1,100	41,900	.160	6,600
1992	25.0	1,050	26,300	.210	5,500
1993	33.0	650	21,500	.260	5,520
1994	45.0	1,670	75,000	.280	20,870
1995	65.0	1,555	101,000	.249	25,190
1996	64.2	1,330	85,200	.281	23,930
1997	80.0	1,315	105,000	.250	26,280
1998	100.0	1,590	159,000	.231	36,770
1999	170.0	1,580	268,000	.213	57,150
2000	230.0	1,410	325,000	.188	61,170
2001[R]	230.0	1,533	352,500	.300	106,610
2002	310.0	1,645	510,000	.250	128,140

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 92: Historical Production and Value of Dry Peas

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960	16.6	1,255	20,850	74	1,534
1961	18.9	1,010	19,050	77	1,470
1962	12.9	1,055	13,600	81	1,100
1963	15.0	1,270	19,050	85	1,610
1964	23.9	1,545	36,950	70	2,578
1965	17.2	1,495	25,700	66	1,699
1966	18.6	1,070	19,900	83	1,645
1967	12.1	1,575	19,050	77	1,470
1968	13.4	1,070	14,350	75	1,072
1969	21.0	970	20,400	69	1,402
1970	24.3	1,140	27,750	68	1,897
1971	20.5	1,595	32,650	64	2,100
1972	18.2	1,495	27,200	70	1,900
1973	14.2	1,610	22,850	202	4,620
1974	16.2	1,395	22,600	232	5,246
1975	14.2	1,435	20,400	165	3,375
1976	15.4	1,750	26,950	174	4,702
1977	22.3	1,650	36,750	202	7,425
1978	25.5	2,025	51,700	151	7,790
1979	28.3	1,825	51,700	160	8,265
1980	34.0	1,440	49,000	238	11,664
1981	40.5	1,950	78,900	250	19,720
1982	44.5	1,830	81,600	193	15,750
1983	40.5	1,680	68,000	220	14,960
1984	44.5	1,830	81,600	227	18,520
1985	40.5	2,490	101,000	211	21,310
1986	58.7	1,761	103,400	190	19,650
1987	72.8	1,981	144,200	194	27,970
1988	72.8	1,084	78,900	215	16,960
1989	46.5	1,523	70,800	187	13,240
1990	36.4	2,019	73,500	178	13,080
1991	51.6	1,637	84,400	171	14,430
1992	48.6	2,242	108,900	193	21,020
1993	60.7	1,410	85,700	182	15,620
1994	80.9	2,080	168,700	182	30,703
1995	72.8	2,020	147,000	206	30,280
1996	56.7	2,330	132,000	219	28,910
1997	83.0	2,150	178,300	177	31,490
1998	103.2	2,160	225,900	147	33,170
1999	38.4	2,400	92,000	135	12,420
2000	60.6	2,650	160,500	137	21,980
2001[R]	60.7	2,400	146,150	179	26,110
2002	80.8	2,200	176,900	202	35,680

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 92: Dry Peas Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	41.0	18.7	767	2.00	1,534
1961	46.7	15.0	700	2.10	1,470
1962	31.8	15.7	500	2.20	1,100
1963	37.0	18.9	700	2.30	1,610
1964	59.0	23.0	1,357	1.90	2,578
1965	42.5	22.2	944	1.80	1,699
1966	46.0	15.9	731	2.25	1,645
1967	30.0	23.3	700	2.10	1,470
1968	33.0	16.0	528	2.03	1,072
1969	52.0	14.4	750	1.87	1,402
1970	60.0	17.0	1,020	1.86	1,897
1971	50.7	23.7	1,200	1.75	2,100
1972	45.0	22.2	1,000	1.90	1,900
1973	35.0	24.0	840	5.50	4,620
1974	40.0	20.8	830	6.32	5,246
1975	35.0	21.4	750	4.50	3,375
1976	38.0	26.1	990	4.75	4,702
1977	55.0	24.5	1,350	5.50	7,425
1978	63.0	30.2	1,900	4.10	7,790
1979	70.0	27.1	1,900	4.35	8,265
1980	84.0	21.4	1,800	6.48	11,664
1981	100.0	29.0	2,900	6.80	19,720
1982	110.0	27.3	3,000	5.25	15,750
1983	100.0	25.0	2,500	5.98	14,960
1984	110.0	27.3	3,000	6.18	18,520
1985	100.0	37.0	3,700	5.75	21,310
1986	145.0	26.2	3,800	5.17	19,650
1987	180.0	29.4	5,300	5.28	27,970
1988	180.0	16.1	2,900	5.85	16,960
1989	115.0	22.6	2,600	5.09	13,240
1990	90.0	30.0	2,700	4.84	13,080
1991	127.4	24.3	3,100	4.65	14,430
1992	120.0	33.3	4,000	5.25	21,020
1993	150.0	21.0	3,150	4.95	15,620
1994	200.0	31.0	6,200	4.95	30,703
1995	180.0	30.0	5,400	5.61	30,280
1996	140.0	35.9	5,030	5.96	28,910
1997	205.0	32.0	6,550	4.81	31,490
1998	255.0	32.2	8,300	4.00	33,170
1999	95.0	35.6	3,380	3.67	12,420
2000	150.0	39.3	5,900	3.73	21,980
2001[R]	150.0	35.8	5,370	4.86	26,110
2002	200.0	32.5	6,500	5.49	35,680

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 93: Historical Production and Value of Fababeans

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1972	0.8	2,578	2,090	143	300
1973	5.3	2,242	11,790	143	1,700
1974	1.0	897	910	143	100
1975	0.8	1,681	1,360	121	200
1976	0.6	1,569	950	143	100
1977	1.2	2,578	3,130	121	400
1978	4.0	1,961	7,940	121	1,000
1979	6.5	1,513	9,800	154	1,500
1980	8.9	1,345	11,970	187	2,200
1981	4.8	2,034	9,850	209	2,100
1982	5.3	1,480	7,780	198	1,500
1983	4.0	2,242	9,070	187	1,700
1984	4.9	1,457	7,080	198	1,400
1985	4.5	1,345	5,990	163	1,000
1986	5.3	2,018	10,700	187	2,000
1987	6.5	2,690	17,420	165	2,900
1988	7.3	1,009	7,350	154	1,100
1989	6.1	897	5,440	176	1,000
1990	3.2	1,905	6,170	176	1,100
1991	1.1	2,375	2,600	216	560
1992	2.4	1,345	3,270	163	530
1993	1.3	1,835	2,400	201	490
1994	2.0	2,965	6,000	203	1,220
1995	4.0	1,430	5,800	195	1,131
1996	1.6	3,280	5,400	226	1,220
1997	2.0	1,700	3,400	211	720
1998	4.0	2,580	10,300	182	1,870
1999	2.8	2,320	6,500	165	1,070
2000	6.1	2,500	15,400	175	2,690
2001[R]	4.0	2,000	7,900	175	1,380
2002	4.0	2,100	8,400	186	1,560

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 93: Fababeans Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1972	2.0	2,300	4,600	.065	300
1973	13.0	2,000	26,000	.065	1,700
1974	2.5	800	2,000	.065	100
1975	2.0	1,500	3,000	.055	200
1976	1.5	1,400	2,100	.065	100
1977	3.0	2,300	6,900	.055	400
1978	10.0	1,750	17,500	.055	1,000
1979	16.0	1,350	21,600	.070	1,500
1980	22.0	1,200	26,400	.085	2,200
1981	12.0	1,815	21,700	.095	2,100
1982	13.0	1,320	17,200	.090	1,500
1983	10.0	2,000	20,000	.085	1,700
1984	12.0	1,300	15,600	.090	1,400
1985	11.0	1,200	13,200	.074	1,000
1986	13.1	1,800	23,600	.085	2,000
1987	16.0	2,400	38,400	.075	2,900
1988	18.0	900	16,200	.070	1,100
1989	15.0	800	12,000	.080	1,000
1990	8.0	1,700	13,600	.080	1,100
1991	2.7	2,120	5,700	.098	560
1992	6.0	1,200	7,200	.074	530
1993	3.3	1,640	5,400	.090	490
1994	5.0	2,650	13,200	.092	1,220
1995	10.0	1,270	12,700	.089	1,131
1996	4.1	2,700	11,000	.103	1,220
1997	5.0	1,510	7,550	.095	720
1998	10.0	2,280	22,800	.082	1,870
1999	6.9	2,070	14,300	.075	1,070
2000	15.0	2,270	34,000	.079	2,690
2001[R]	10.0	1,750	17,500	.080	1,380
2002	10.0	1,850	18,500	.080	1,560

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 94: Historical Production and Value of Lentils

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1972	1.0	1,065	1,080	105	110
1973	0.8	897	760	154	120
1974	0.5	897	440	441	190
1975	0.2	560	110	364	40
1976	0.1	1,009	80	463	40
1977	0.7	1,121	770	772	600
1978	0.8	1,054	810	331	270
1979	6.9	616	4,270	485	2,070
1980	15.4	504	7,760	595	4,620
1981	14.2	1,054	14,920	506	7,550
1982	16.2	1,121	18,140	386	7,000
1983	10.1	1,121	11,340	309	3,500
1984	10.1	1,345	13,610	397	5,400
1985	10.1	1,480	14,970	474	7,100
1986	17.8	1,174	20,900	397	8,320
1987	24.3	1,531	37,200	331	12,310
1988	12.1	603	7,300	315	2,300
1989	12.1	1,240	15,000	397	5,950
1990	22.3	1,709	38,100	419	15,960
1991	54.0	1,184	64,000	313	20,030
1992	62.7	1,266	79,400	295	23,410
1993	32.4	744	24,100	403	9,720
1994	46.5	1,070	49,900	375	18,710
1995	20.2	1,410	28,500	438	12,480
1996	16.1	1,310	21,000	350	7,350
1997	3.2	1,630	5,300	292	1,530
1998	5.3	1,110	5,900	320	1,890
1999	6.1	1,440	8,800	410	3,610
2000	13.3	1,210	16,100	310	4,990
2001	2.4	1,400	3,400	267	910
2002	0.1	560	70	280	20

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 94: Lentils Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1972	2.5	950	2,400	.048	110
1973	2.1	800	1,700	.070	120
1974	1.2	800	1,000	.200	190
1975	0.5	500	300	.165	40
1976	0.2	900	200	.210	40
1977	1.7	1,000	1,700	.350	600
1978	1.9	940	1,800	.150	270
1979	17.1	550	9,400	.220	2,070
1980	38.0	450	17,100	.270	4,620
1981	35.0	940	32,900	.230	7,550
1982	40.0	1,000	40,000	.175	7,000
1983	25.0	1,000	25,000	.140	3,500
1984	25.0	1,200	30,000	.180	5,400
1985	25.0	1,320	33,000	.215	7,100
1986	44.0	1,045	46,000	.180	8,320
1987	60.0	1,367	82,000	.150	12,310
1988	30.0	533	16,000	.143	2,300
1989	30.0	1,100	33,000	.180	5,950
1990	55.0	1,527	84,000	.190	15,960
1991	133.5	1,056	141,000	.142	20,030
1992	155.0	1,129	175,000	.134	23,410
1993	80.0	665	53,200	.183	9,720
1994	115.0	965	110,000	.170	18,710
1995	50.0	1,260	62,900	.200	12,480
1996	39.8	1,160	46,300	.159	7,350
1997	8.0	1,450	11,680	.133	1,530
1998	13.0	1,000	12,980	.145	1,890
1999	15.0	1,290	19,380	.186	3,610
2000	33.0	1,080	35,500	.141	4,990
2001	6.0	1,250	7,500	.120	910
2002	0.3	500	155	.130	20

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 95: Historical Production and Value of Mustard Seed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960	0.2	710	140	105	15
1961	4.4	430	1,900	97	184
1962	6.9	710	4,900	98	482
1963	10.9	845	9,200	110	1,010
1964	4.9	795	3,900	112	435
1965	11.3	955	10,800	112	1,214
1966	12.7	615	7,800	113	882
1967	11.7	785	9,200	119	1,096
1968	26.3	945	24,900	110	2,750
1969	15.0	905	13,600	75	1,020
1970	10.1	940	9,500	81	760
1971	4.2	880	3,700	84	312
1972	6.1	935	5,700	99	562
1973	16.2	895	14,500	154	2,240
1974	16.2	840	13,600	408	5,550
1975	9.3	710	6,600	275	1,812
1976	7.3	890	6,500	248	1,613
1977	16.2	1,005	16,300	232	3,780
1978	25.1	1,155	29,000	243	7,040
1979	10.1	940	9,500	221	2,100
1980	17.8	915	16,300	331	5,400
1981	18.2	1,050	19,100	382	7,300
1982	10.1	1,060	10,700	240	2,570
1983	12.1	960	11,600	353	4,090
1984	16.2	840	13,600	353	4,800
1985	12.1	1,240	15,000	350	5,250
1986	14.2	1,211	17,200	287	4,940
1987	6.1	1,262	7,700	260	2,000
1988	6.1	984	6,000	221	1,330
1989	9.7	763	7,400	309	2,290
1990	10.1	1,307	13,200	278	3,670
1991	6.6	1,349	8,900	210	1,870
1992	2.8	1,250	3,500	223	780
1993	4.0	950	3,800	231	880
1994	4.0	1,030	4,100	284	1,160
1995	4.0	640	2,600	317	820
1996	4.4	1,100	4,900	402	1,970
1997	6.9	920	6,300	398	2,510
1998	4.0	850	3,400	364	1,240
1999	2.0	950	1,900	293	560
2000	3.6	920	3,300	326	1,080
2001[R]	6.1	850	5,100	677	3,450
2002	12.1	830	10,000	658	6,580

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 95: Mustard Seed Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1960	0.5	700	315	.048	15
1961	10.8	383	4,100	.045	184
1962	17.0	629	10,700	.045	482
1963	27.0	748	20,200	.050	1,010
1964	12.0	725	8,700	.050	435
1965	28.0	850	23,800	.051	1,214
1966	31.5	549	17,300	.051	882
1967	29.0	700	20,300	.054	1,096
1968	65.0	846	55,000	.050	2,750
1969	37.0	810	30,000	.034	1,020
1970	25.0	840	21,000	.036	760
1971	10.3	796	8,200	.038	312
1972	15.0	833	12,500	.045	562
1973	40.0	800	32,000	.070	2,240
1974	40.0	750	30,000	.185	5,550
1975	23.0	630	14,500	.125	1,812
1976	18.0	800	14,400	.112	1,613
1977	40.0	900	36,000	.105	3,780
1978	62.0	1,032	64,000	.110	7,040
1979	25.0	840	21,000	.100	2,100
1980	44.0	818	36,000	.150	5,400
1981	45.0	930	42,000	.174	7,300
1982	25.0	940	23,500	.109	2,570
1983	30.0	850	25,500	.160	4,090
1984	40.0	750	30,000	.160	4,800
1985	30.0	1,100	33,000	.160	5,250
1986	35.0	1,086	38,000	.130	4,940
1987	15.0	1,133	17,000	.120	2,000
1988	15.0	880	13,200	.101	1,330
1989	24.0	679	16,300	.141	2,290
1990	25.0	1,160	29,000	.126	3,670
1991	16.3	1,214	19,800	.095	1,870
1992	7.0	1,114	7,800	.101	780
1993	10.0	840	8,400	.105	880
1994	10.0	900	9,000	.129	1,160
1995	10.0	580	5,800	.144	820
1996	11.0	990	10,800	.182	1,970
1997	17.0	820	13,800	.182	2,510
1998	10.0	750	7,400	.168	1,240
1999	5.0	820	4,100	.137	560
2000	9.0	810	7,250	.148	1,080
2001[R]	15.0	750	11,250	.310	3,450
2002	30.0	730	22,000	.300	6,580

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

BLE 96: Historical Production and Value of Sugar Beets

ear	Harvested Hectares	Yield Per Hectare	Production	Farm Value*	
				Price Per Tonne	Total
		(tonnes)	(tonnes)	$	($000)
960	10,145	23.11	234,464	15.13	3,547
961	8,556	19.94	170,640	14.24	2,430
962	8,727	20.45	178,473	22.28	3,976
963	11,381	27.71	315,419	18.36	5,791
964	12,068	21.40	258,285	15.62	4,034
965	10,488	22.69	237,930	18.92	4,502
966	9,326	23.79	221,840	18.51	4,106
967	10,886	18.90	205,691	19.62	4,036
968	11,768	23.01	270,725	17.61	4,767
969	12,789	24.34	311,322	19.07	5,937
970	9,317	21.05	196,084	18.87	3,700
971	12,495	26.36	329,326	21.03	6,926
972	11,371	26.39	300,115	24.33	7,301
973	9,984	27.95	279,039	35.13	9,803
974	10,899	18.44	200,938	56.14	11,281
975	12,914	27.83	359,449	39.99	14,374
976	12,541	27.90	349,919	34.06	11,918
977	10,235	39.09	400,102	31.30	12,523
978	9,575	38.93	372,800	38.17	14,230
979	8,945	27.97	250,187	77.80	19,465
980	9,844	23.85	234,787	55.61	13,057
981	11,229	36.20	406,442	41.24	16,762
982	11,234	33.14	372,271	52.43	19,518
983	11,122	30.02	333,900	39.62	13,229
984	10,768	30.84	332,086	33.99	11,288
985	9,602	30.25	290,474	44.64	12,967
986	11,016	31.74	349,693	43.32	15,149
987	10,524	40.29	424,048	41.94	17,785
988	9,135	24.89	227,326	44.23	10,055
989	10,493	31.35	328,954	45.65	15,017
990	10,926	32.17	351,506	39.65	13,937
991	10,707	42.39	453,836	34.81	15,798
992	9,480	35.36	335,231	38.86	13,027
993	10,132	30.88	312,868	40.92	12,803
994	11,018	45.84	505,008	41.68	21,049
995	10,419	41.47	432,073	40.45	17,477
996	9,417	38.12	358,946	41.80	15,004
997	0	0.00	0	0.00	0
998	0	0.00	0	0.00	0
999	0	0.00	0	0.00	0
000	0	0.00	0	0.00	0
001	0	0.00	0	0.00	0
002	0	0.00	0	0.00	0

Includes deficiency payments. Values do not include stabilization payments, if any.
Preliminary value.
OURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 96: Sugar Beets Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value*	
				Price Per Ton	Total
		(tons)	(tons)	$	($000)
1960	25,068	10.31	258,450	13.73	3,547
1961	21,141	8.90	188,096	12.92	2,430
1962	21,565	9.12	196,731	20.21	3,976
1963	28,123	12.36	347,686	16.66	5,791
1964	29,819	9.55	284,708	14.17	4,034
1965	25,917	10.12	262,270	17.16	4,502
1966	23,045	10.61	244,534	16.79	4,106
1967	26,899	8.43	226,733	17.80	4,036
1968	29,079	10.26	298,420	15.98	4,767
1969	31,602	10.86	343,170	17.30	5,937
1970	23,022	9.39	216,143	17.12	3,700
1971	30,876	11.76	363,016	19.08	6,926
1972	28,098	11.77	330,817	22.07	7,301
1973	24,670	12.47	307,585	31.87	9,803
1974	26,931	8.22	221,494	50.93	11,281
1975	31,912	12.41	396,221	36.28	14,374
1976	30,990	12.44	385,716	30.90	11,918
1977	25,292	17.44	441,032	28.40	12,523
1978	23,659	17.37	410,937	34.63	14,230
1979	22,103	12.48	275,781	70.58	19,465
1980	24,326	10.64	258,806	50.45	13,057
1981	27,747	16.15	448,021	37.41	16,762
1982	27,759	14.78	410,354	47.56	19,518
1983	27,484	13.39	368,058	35.94	13,229
1984	26,607	13.76	366,058	30.84	11,288
1985	23,727	13.49	320,189	40.50	12,967
1986	27,222	14.16	385,467	39.30	15,149
1987	26,006	17.98	467,428	38.05	17,785
1988	22,574	11.10	250,581	40.13	10,055
1989	25,929	13.99	362,606	41.41	15,017
1990	26,998	14.35	387,465	35.97	13,937
1991	26,456	18.91	500,268	31.58	15,798
1992	23,424	15.78	369,529	35.25	13,027
1993	25,037	13.78	344,874	37.12	12,803
1994	27,204	20.46	556,670	37.81	21,049
1995	25,745	18.49	476,150	36.70	17,477
1996	23,270	17.00	395,666	37.92	15,004
1997	0	0.00	0	0.00	0
1998	0	0.00	0	0.00	0
1999	0	0.00	0	0.00	0
2000	0	0.00	0	0.00	0
2001	0	0.00	0	0.00	0
2002	0	0.00	0	0.00	0

* Includes deficiency payments. Values do not include stabilization payments, if any.
** Preliminary value.
SOURCE: Statistics Canada; Manitoba Agriculture and Food.

BLE 97: Historical Production and Value of Wild Rice (green basis)

ear	Production	Producer Value	
		Price Per Kilogram	TOTAL
	(kilograms)	$	($000)
970	67,563	0.88	60
971	226,720	1.10	250
972	272,598	1.32	361
973	284,489	1.54	439
974	62,231	1.76	110
975	64,622	1.98	128
976	159,383	2.20	351
977	523,614	2.87	1,512
978	215,022	4.98	1,071
979	271,058	4.70	1,273
980	452,815	1.39	629
981	205,396	3.44	706
982	188,243	2.45	461
983	152,255	3.26	497
984	282,116	3.96	1,135
985	293,098	2.31	677
986	388,636	1.98	770
987	748,440	1.14	940
988	743,904	1.36	1,017
989	544,320	1.65	900
990	498,960	1.87	935
991	590,900	1.76	1,040
992	159,000	1.65	262
993	36,300	1.76	64
994	1,088,600	1.37	1,488
995	725,800	1.41	1,024
996	476,300	1.71	815
997	385,600	1.76	680
998	250,000	1.72	430
999	590,000	1.65	975
000	293,180	1.65	480
001	500,000	1.98	990
002	340,000	1.87	640

OURCE: Canada Wild Rice Council

TABLE 97: Wild Rice (green basis) Continued

Year	Production	Producer Value	
		Price Per Pound	TOTAL
	(pounds)	$	($000)
1970	148,950	0.40	60
1971	499,826	0.50	250
1972	600,969	0.60	361
1973	627,184	0.70	439
1974	137,194	0.80	110
1975	142,466	0.90	128
1976	351,353	1.00	351
1977	1,154,360	1.31	1,512
1978	474,037	2.26	1,071
1979	597,575	2.13	1,273
1980	998,277	0.63	629
1981	452,816	1.56	706
1982	415,000	1.11	461
1983	336,661	1.48	497
1984	630,655	1.80	1,135
1985	644,815	1.05	677
1986	855,000	0.90	770
1987	1,650,000	0.57	940
1988	1,640,000	0.62	1,017
1989	1,200,000	0.75	900
1990	1,100,000	0.85	935
1991	1,300,000	0.80	1,040
1992	350,000	0.75	262
1993	80,000	0.80	64
1994	2,400,000	0.62	1,488
1995	1,600,000	0.64	1,024
1996	1,050,000	0.78	815
1997	850,000	0.80	680
1998	550,000	0.78	430
1999	1,300,000	0.75	975
2000	645,000	0.75	480
2001	1,100,000	0.90	990
2002	750,000	0.85	640

SOURCE: Canada Wild Rice Council.

BLE 98: Historical Production and Value of Fodder Corn

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(tonnes)	(000 tonnes)	$	($000)
1960	10.9	11.93	130	8	1,001
1961	12.7	8.9	113	11	1,188
1962	15.6	15.1	236	8	1,820
1963	15.3	17.9	274	8	2,114
1964	19.8	11.2	222	7	1,470
1965	17.8	13.4	238	8	1,834
1966	15.0	13.8	207	8	1,596
1967	10.5	12.1	127	8	980
1968	11.9	12.8	152	8	1,176
1969	9.3	15.3	142	8	1,099
1970	8.1	13.5	109	8	840
1971	3.9	16.4	64	8	490
1972	8.9	16.3	145	11	1,600
1973	9.7	15.5	150	13	1,980
1974	11.3	16.9	191	15	2,940
1975	13.4	19.6	263	17	4,350
1976	13.4	19.0	254	17	4,200
1977	15.8	20.1	318	17	5,250
1978	17.0	21.3	363	19	6,800
1979	18.2	18.0	327	23	7,560
1980	30.4	12.5	381	32	12,180
1981	20.2	17.5	354	27	9,560
1982	31.2	15.4	481	25	12,020
1983	20.2	15.2	308	25	7,700
1984	18.2	13.5	245	28	6,860
1985	16.2	15.7	254	29	7,370
1986	12.9	21.1	272	28	7,620
1987	10.1	20.7	209	21	4,390
1988	10.1	14.4	145	31	4,500
1989	10.1	18.0	181	25	4,530
1990	8.1	22.4	181	21	3,800
1991	11.7	27.1	318	18	5,700
1992	6.1	15.6	95	16	1,520
1993	12.1	15.0	181	24	4,340
1994	12.1	26.2	318	25	7,940
1995	12.1	24.7	299	41	12,210
1996	12.0	22.7	272	30	8,170
1997	12.1	20.6	250	30	7,490
1998	16.2	28.0	454	27	12,070
1999	8.1	28.0	227	23	5,290
2000	12.1	30.0	363	24	8,870
2001[R]	18.2	29.9	544	33	18,120
2002	16.2	22.4	363	35	12,780

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 98: Fodder Corn Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Ton	Total
	(000)	(tons)	(000 tons)	$	($000)
1960	26.9	5.32	143	7	1,001
1961	31.3	4.0	125	9	1,188
1962	38.5	6.7	260	7	1,820
1963	37.8	8.0	302	7	2,114
1964	49.0	5.0	245	6	1,470
1965	44.0	6.0	262	7	1,834
1966	37.1	6.2	228	7	1,596
1967	26.0	5.4	140	7	980
1968	29.5	5.7	168	7	1,176
1969	23.0	6.8	157	7	1,099
1970	20.0	6.0	120	7	840
1971	9.7	7.2	70	7	490
1972	22.0	7.3	160	10	1,600
1973	24.0	6.9	165	12	1,980
1974	28.0	7.5	210	14	2,940
1975	33.0	8.8	290	15	4,350
1976	33.0	8.5	280	15	4,200
1977	39.0	9.0	350	15	5,250
1978	42.0	9.5	400	17	6,800
1979	45.0	8.0	360	21	7,560
1980	75.0	5.6	420	29	12,180
1981	50.0	7.8	390	24	9,560
1982	77.0	6.9	530	23	12,020
1983	50.0	6.8	340	23	7,700
1984	45.0	6.0	270	25	6,860
1985	45.0	7.0	280	26	7,370
1986	32.0	9.4	300	25	7,620
1987	25.0	9.2	230	19	4,390
1988	25.0	6.4	160	28	4,500
1989	25.0	8.0	200	23	4,530
1990	20.0	10.0	200	19	3,800
1991	28.9	12.1	350	16	5,700
1992	15.0	7.0	105	14	1,520
1993	30.0	6.7	200	22	4,340
1994	30.0	11.7	350	23	7,940
1995	30.0	11.0	330	37	12,210
1996	29.6	10.0	300	27	8,170
1997	30.0	9.2	280	27	7,490
1998	40.0	12.5	500	24	12,070
1999	20.0	12.5	250	21	5,290
2000	30.0	13.3	400	22	8,870
2001[R]	45.0	13.3	600	30	18,120
2002	40.0	10.0	400	32	12,780

SOURCE: Statistics Canada, Manitoba Agriculture and Food.

TABLE 99: Historical Production and Value of Tame Hay

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(tonnes)	(000 tonnes)	$	($000)
1960	380	3.83	1,457	14	20,717
1961	410	2.00	820	19	15,820
1962	420	4.51	1,896	15	29,260
1963	410	4.13	1,694	17	28,005
1964	400	3.32	1,329	18	23,440
1965	390	3.80	1,481	18	26,928
1966	430	4.43	1,903	18	34,617
1967	430	3.37	1,451	19	28,000
1968	380	3.82	1,451	20	29,600
1969	400	4.31	1,724	18	31,350
1970	470	4.30	2,023	17	33,450
1971	440	4.33	1,905	18	34,650
1972	490	3.70	1,814	22	40,000
1973	490	4.07	1,996	33	66,000
1974	510	4.27	2,177	39	84,000
1975	510	4.45	2,268	41	92,500
1976	570	4.14	2,359	42	97,968
1977	570	4.14	2,359	41	97,500
1978	570	4.62	2,631	41	107,010
1979	550	4.29	2,359	50	117,936
1980	530	2.57	1,361	70	95,250
1981	510	4.45	2,268	60	136,080
1982	510	4.45	2,268	55	124,740
1983	526	4.14	2,177	55	119,740
1984	526	3.97	2,087	62	129,400
1985	546	3.99	2,177	63	136,720
1986	581	5.32	3,084	61	188,120
1987	627	4.63	2,903	48	139,340
1988	647	2.66	1,724	68	117,230
1989	668	3.94	2,631	56	147,340
1990	716	5.07	3,629	46	166,930
1991	698	5.07	3,538	36	127,370
1992	787	4.30	3,375	35	118,100
1993	769	3.86	2,966	65	192,820
1994	789	3.79	2,994	50	149,680
1995	801	2.60	2,086	55	115,000
1996	749	3.75	2,812	55	154,680
1997	769	1.89	1,452	65	94,350
1998	761	3.64	2,767	55	152,180
1999	781	4.36	3,402	55	187,100
2000	797	3.41	2,722	55	149,690
2001	896	3.50	3,130	60	187,790
2002	820	2.60	2,155	75	161,600

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 99: Tame Hay Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Ton	Total
	(000)	(tons)	(000 tons)	$	($000)
1960	934	1.72	1,606	13	20,717
1961	1,004	0.90	904	17	15,820
1962	1,045	2.00	2,090	14	29,260
1963	1,020	1.83	1,867	15	28,005
1964	990	1.48	1,465	16	23,440
1965	960	1.70	1,632	16	26,928
1966	1,065	1.97	2,098	16	34,617
1967	1,052	1.52	1,600	17	28,000
1968	940	1.70	1,600	18	29,600
1969	1,000	1.90	1,900	16	31,350
1970	1,160	1.92	2,230	15	33,450
1971	1,084	1.94	2,100	16	34,650
1972	1,200	1.67	2,000	20	40,000
1973	1,200	1.83	2,200	30	66,000
1974	1,250	1.92	2,400	35	84,000
1975	1,250	2.00	2,500	37	92,500
1976	1,400	1.86	2,600	38	97,968
1977	1,400	1.86	2,600	37	97,500
1978	1,400	2.07	2,900	37	107,010
1979	1,350	1.93	2,600	45	117,936
1980	1,300	1.15	1,500	63	95,250
1981	1,250	2.00	2,500	54	136,080
1982	1,250	2.00	2,500	50	124,740
1983	1,300	1.85	2,400	50	119,740
1984	1,300	1.77	2,300	56	129,400
1985	1,350	1.78	2,400	57	136,720
1986	1,435	2.37	3,400	55	188,120
1987	1,550	2.06	3,200	40	139,340
1988	1,600	1.19	1,900	62	117,230
1989	1,650	1.76	2,900	51	147,340
1990	1,770	2.26	4,000	42	166,930
1991	1,725	2.26	3,900	33	127,370
1992	1,950	1.90	3,720	32	118,100
1993	1,900	1.70	3,270	59	192,820
1994	1,950	1.70	3,300	45	149,680
1995	1,980	1.20	2,300	50	115,000
1996	1,852	1.70	3,180	50	154,680
1997	1,900	0.85	1,600	59	94,350
1998	1,880	1.62	3,050	50	152,180
1999	1,930	1.94	3,750	50	187,100
2000	1,970	1.52	3,000	50	149,690
2001	2,215	1.60	3,450	54	187,790
2002	2,025	1.20	2,375	68	161,600

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 100: Historical Production Value Summary of Horticultural Crops and Forage Seeds

Year	Potatoes	Vegetables, Fruits, Ornamentals	TOTAL HORTICULTURE	Forage Seeds
	thousand dollars			
1960	2,448	9,200	11,648	1,086
1961	1,802	9,090	10,892	1,254
1962	2,989	9,330	12,319	2,105
1963	2,765	10,125	12,890	1,503
1964	7,488	9,144	16,632	1,259
1965	7,077	8,861	15,938	2,162
1966	4,899	9,078	13,977	1,762
1967	5,626	10,055	15,681	1,238
1968	5,580	9,310	14,890	571
1969	7,296	9,669	16,965	1,524
1970	6,660	9,713	16,373	1,701
1971	7,257	10,632	17,889	1,684
1972	7,500	11,280	18,780	1,542
1973	9,240	11,375	20,615	5,199
1974	12,887	16,614	29,501	2,625
1975	17,460	17,468	34,928	2,031
1976	13,146	19,153	32,299	3,050
1977	20,185	18,252	38,437	3,828
1978	24,548	20,285	44,833	7,488
1979	22,440	21,786	44,226	8,312
1980	33,539	25,077	58,616	4,902
1981	36,140	26,561	62,701	6,681
1982	29,981	29,155	59,136	5,025
1983	28,440	27,187	55,627	7,371
1984	34,200	37,165	71,365	5,563
1985	37,852	35,796	73,648	6,162
1986	32,442	41,460	73,902	8,184
1987	50,256	40,903	91,159	14,093
1988	33,431	38,006	71,437	13,795
1989	36,828	38,936	75,764	11,255
1990	45,526	36,287	81,813	8,210
1991	50,292	38,282	88,574	4,800
1992	51,886	47,193	99,079	3,284
1993	52,078	46,500	98,578	2,431
1994	74,070	49,560	123,630	6,248
1995	77,770	55,300	133,070	8,310
1996	110,878	56,020	166,898	13,511
1997	125,217	53,620	178,837	14,909
1998	130,000	60,720	190,720	17,720
1999	125,000	60,580	185,580	17,910
2000	140,000	71,500	211,500	19,180
2001[R]	129,100	70,300	199,400	13,460
2002	143,560	71,370	214,930	19,930

SOURCE: Statistics Canada; Peak of the Market; Vegetable Growers of Manitoba; Manitoba Forage Seed Association; Manitoba Agriculture and Food.

TABLE 101: Historical Production and Value of Potatoes

Year	Harvested Hectares*	Yield Per Hectare**	Marketings	Farm Value**	
				Price Per Tonne	Total
		(kilograms)	(tonnes)	$	($000)
1960	6,880	10,087	69,401	35.27	2,448
1961	8,215	4,236	34,791	51.81	1,802
1962	9,308	12,778	118,934	25.13	2,989
1963	8,013	11,769	94,303	29.32	2,765
1964	8,417	13,451	113,219	66.14	7,488
1965	9,065	13,115	118,889	59.52	7,077
1966	9,915	14,009	138,892	35.27	4,899
1967	10,724	12,264	131,544	42.77	5,626
1968	10,724	12,689	136,080	41.01	5,580
1969	11,736	14,684	172,368	42.33	7,296
1970	13,354	12,567	167,832	39.68	6,660
1971	13,233	14,054	185,976	39.02	7,257
1972	8,903	12,735	113,400	66.14	7,500
1973	12,140	16,440	199,584	46.30	9,240
1974	14,164	15,692	222,264	57.98	12,887
1975	12,950	15,762	204,120	85.54	17,460
1976	13,962	13,645	190,512	69.00	13,146
1977	14,974	16,661	249,480	80.90	20,185
1978	14,974	20,599	308,448	79.59	24,548
1979	14,974	18,830	281,958	79.59	22,440
1980	15,985	17,880	285,813	117.34	33,539
1981	16,552	18,830	311,669	115.96	36,140
1982	16,228	14,550	236,100	126.98	29,981
1983	16,633	12,800	212,900	133.58	28,440
1984	17,604	14,355	252,700	135.34	34,200
1985	17,240	17,440	300,700	125.88	37,852
1986	18,100	19,310	349,500	92.82	32,442
1987	18,400	19,210	353,500	142.17	50,256
1988	17,200	12,595	216,600	154.34	33,431
1989	18,600	11,735	218,300	168.70	36,828
1990	19,600	15,915	311,900	145.96	45,526
1991	18,200	17,780	323,600	155.41	50,292
1992	19,200	19,580	375,990	138.00	51,886
1993	19,400	17,280	335,280	155.30	52,078
1994	22,100	24,230	535,566	138.30	74,070
1995	24,300	19,120	464,613	167.40	77,770
1996	27,700	22,220	615,577	180.10	110,878
1997	28,500	23,655	674,171	185.70	125,217
1998	29,300	24,030	704,080	184.60	130,000
1999	29,500	22,790	672,355	185.90	125,000
2000	31,465	23,770	747,805	187.20	140,000
2001	30,570	22,085	675,125	191.20	129,100
2002	34,400	21,190	728,922	196.90	143,560

* Harvested area from 1985, planted area prior to 1985.
** Based on marketed production from 1982.
SOURCE: Statistics Canada, Manitoba Agriculture and Food.

ABLE 101: Potatoes Continued

Year	Harvested Acres*	Yield Per Acre**	Marketings	Farm Value**	
				Price Per Cwt	Total
		(cwt)	(000 cwt)	$	($000)
1960	17,000	90.0	1,530	1.60	2,448
1961	20,300	37.8	767	2.35	1,802
1962	23,000	114.0	2,622	1.14	2,989
1963	19,800	105.0	2,079	1.33	2,765
1964	20,800	120.0	2,496	3.00	7,488
1965	22,400	117.0	2,621	2.70	7,077
1966	24,500	125.0	3,062	1.60	4,899
1967	26,500	109.4	2,900	1.94	5,626
1968	26,500	113.2	3,000	1.86	5,580
1969	29,000	131.0	3,800	1.92	7,296
1970	33,000	112.1	3,700	1.80	6,660
1971	32,700	125.4	4,100	1.77	7,257
1972	22,000	113.6	2,500	3.00	7,500
1973	30,000	146.7	4,400	2.10	9,240
1974	35,000	140.0	4,900	2.63	12,887
1975	32,000	140.6	4,500	3.88	17,460
1976	34,500	121.7	4,200	3.13	13,146
1977	37,000	148.6	5,500	3.67	20,185
1978	37,000	183.8	6,800	3.61	24,548
1979	37,000	168.0	6,216	3.61	22,440
1980	39,500	159.5	6,301	5.32	33,539
1981	40,900	168.0	6,871	5.26	36,140
1982	40,100	129.8	5,205	5.76	29,981
1983	41,100	114.2	4,693	6.06	28,440
1984	43,500	128.0	5,570	6.14	34,200
1985	42,600	155.6	6,629	5.71	37,852
1986	44,700	172.4	7,706	4.21	32,442
1987	45,500	171.3	7,794	6.45	50,256
1988	42,500	112.4	4,776	7.00	33,431
1989	46,000	104.6	4,813	7.65	36,828
1990	48,500	141.8	6,875	6.62	45,526
1991	45,000	158.6	7,135	7.05	50,292
1992	47,500	174.5	8,289	6.26	51,886
1993	48,000	154.0	7,392	7.05	52,078
1994	54,500	216.6	11,807	6.27	74,070
1995	60,000	170.7	10,243	7.59	77,770
1996	68,500	198.1	13,571	8.17	110,878
1997	70,500	210.8	14,863	8.42	125,217
1998	72,500	214.1	15,522	8.38	130,000
1999	73,000	203.1	14,823	8.43	125,000
2000	77,750	212.0	16,486	8.49	140,000
2001	75,530	197.0	14,884	8.67	129,100
2002	85,000	189.0	16,070	8.93	143,560

* Harvested area from 1985, planted area prior to 1985.
** Based on marketed production from 1982.
SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 102: Historical Area and Marketings of Vegetables and Fruit

	1997		1998		1999		2000		2001		2002	
	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)
Asparagus	47	154	45	181	45	145	47	161	49	159	47	152
Beans, green/wax	38	70	38	79	40	118	36	91	32	82	16	68
Beets	16	295	16	318	18	245	18	213	24	272	18	281
Broccoli	134	1,066	142	1,565	152	1,179	142	2,268	150	1,860	146	1,660
Cabbage (incl. Chinese)	176	4,354	174	4,536	162	4,491	186	2,495	172	4,989	170	4,989
Carrots*	275	8,618	267	8,255	306	8,618	299	8,165	291	8,618	297	7,938
Cauliflower	162	2,132	182	2,449	202	2,449	194	1,633	198	2,268	198	2,200
Celery (est)	45	1,225	40	1,089	49	680	49	726	51	1,678	49	1,089
Corn, sweet	344	2,200	336	2,722	283	1,406	271	2,041	324	3,175	304	1,814
Cucumbers & Gherkins	55	862	53	726	51	721	55	873	61	998	63	907
Garlic	*included in with Other Vegetables*											
Green Onions	20	635	16	635	16	694	16	885	16	680	12	703
Leeks	*included in with Other Vegetables*						2	14	*incl in Other Vegetables*			
Lettuce	65	590	81	680	103	907	71	1,030	54	726	59	748
Onions:												
cooking, Spanish, red, etc.	151	4,989	158	4,989	166	6,350	172	6,350	206	8,165	214	6,622
pickling	4	41	4	51	4	50	5	29	4	64	0	0
sets (est.)	51	386	81	590	81	590	45	318	48	726	49	653
Parsnips	22	308	22	329	18	281	22	363	20	354	20	327
Peas, green (in shell) (est.)	32	41	49	61	28	23	28	32	32	109	16	27
Peppers	12	118	16	77	12	159	18	113	24	272	16	249
Pumpkins	20	340	24	458	32	540	26	567	18	816	26	590
Radishes	16	125	16	147	18	168	18	61	19	172	16	118
Rutabagas & Turnips	28	381	28	522	10	222	12	181	11	318	24	885
Spinach	4	7	2	5	*included in with Other Vegetables*							
Squash	20	181	20	252	22	200	16	204	26	885	38	408
Tomatoes (est)	10	68	10	70	8	64	10	45	12	227	12	48
Other Vegetables**	36	0	42	0	32	227	28	159	32	318	95	680
TOTAL VEGETABLES	**2,108**		**2,200**		**2,178**		**2,088**		**1,877**		**1,906**	
Apples	32	215	10	54	8	45	6	82	9	118	9	118
Raspberries	57	111	61	118	65	132	65	64	65	82	65	82
Saskatoons	65	77	77	113	49	59	53	64	87	136	101	159
Strawberries	202	760	198	1,134	202	1,157	182	680	182	680	182	680
Other Fruit	6	NA	8	2	8	9	8	9	69	36	69	36
TOTAL FRUIT	**362**		**354**		**332**		**314**		**412**		**426**	

* Cleaned/washed and, in some cases, bagged product.

** Includes brussel sprouts, other Chinese vegetables, daikon, dillweed, eggplant, garlic, gourds, herbs, kale, kohlrabi, leeks, melons, parsley, rhubarb and spinach.

SOURCE: Statistics Canada, Peak of the Market, Vegetable Growers of Manitoba, Manitoba Agriculture and Food.

TABLE 102: Area and Marketings of Vegetables and Fruit Continued

	1997		1998		1999		2000		2001		2002	
	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)
sparagus	115	340	110	400	110	320	115	355	120	350	115	335
eans, green/wax	95	155	95	175	100	260	90	200	80	180	40	150
eets	40	650	40	700	45	540	45	470	60	600	45	620
roccoli	330	2,350	350	3,450	375	2,600	350	5,000	370	4,100	360	3,660
abbage (incl Chinese)	435	9,600	430	10,000	400	9,900	460	5,500	425	11,000	420	11,000
arrots*	680	19,000	660	18,200	755	19,000	740	18,000	720	19,000	735	17,500
auliflower	400	4,700	450	5,400	500	5,400	480	3,600	490	5,000	490	4,850
elery (est)	110	2,700	100	2,400	120	1,500	120	1,600	125	3,700	120	2,400
orn, sweet	850	4,850	830	6,000	700	3,100	670	4,500	800	7,000	750	4,000
ucumbers & Gherkins	135	1,900	130	1,600	125	1,590	135	1,925	150	2,200	155	2,000
arlic	*included in with Other Vegetables*											
reen Onions	50	1,400	40	1,400	40	1,530	40	1,950	40	1,500	30	1,550
eeks	*included in with Other Vegetables*				5	40	5	30	*incl in Other Vegetables*			
ettuce	160	1,300	200	1,500	255	2,000	175	2,270	134	1,600	145	1,650
nions:												
cooking, Spanish, red, etc.	373	11,000	390	11,000	410	14,000	425	14,000	510	18,000	530	14,600
pickling	10	90	10	113	10	110	13	65	10	140	0	0
sets (est.)	125	850	200	1,300	200	1,300	110	700	118	1,600	120	1,440
arsnips	55	680	55	725	45	620	55	800	50	780	50	720
eas, green (in shell) (est.)	80	90	120	135	70	50	70	70	80	240	40	60
eppers	30	260	40	170	30	350	45	250	60	600	40	550
umpkins	50	750	60	1,010	80	1,190	65	1,250	45	1,800	65	1,300
adishes	40	275	40	325	45	370	45	135	48	380	40	260
utabagas & Turnips	70	840	70	1,150	25	490	30	400	27	700	60	1,950
pinach	10	15	5	10	*included in with Other Vegetables*							
quash	50	400	50	555	55	440	40	450	65	1,950	95	900
omatoes (est)	25	150	25	155	20	140	25	100	30	500	30	105
ther Vegetables**	90	0	105	0	80	500	70	350	80	700	235	1,500
OTAL EGETABLES	**5,208**		**5,435**		**5,380**		**5,160**		**4,637**		**4,710**	
pples	80	475	25	120	20	100	15	180	22	260	22	260
aspberries	140	245	150	260	160	290	160	140	160	180	160	180
askatoons	160	170	190	250	120	130	132	140	216	300	250	350
trawberries	500	1,675	490	2,500	500	2,550	450	1,500	450	1,500	450	1,500
ther Fruit	14	NA	20	5	20	20	20	20	170	80	170	80
OTAL FRUIT	**894**		**875**		**820**		**777**		**1,018**		**1,052**	

Cleaned/washed and, in some cases, bagged product.

Includes brussel sprouts, dillweed, eggplant, garlic, gourds, kale, kohlrabi, daikon, other Chinese vegetables, erbs, melons, parsley, rhubarb and spinach.

OURCE: Statistics Canada, Peak of the Market, Vegetable Growers of Manitoba, Manitoba Agriculture and Food.

TABLE 103: Historical Primary Elevator Storage Capacity at or About August 1, Manitoba

Year	Number	Total Capacity		Average Elevator Capacity	
		'000 tonnes	'000 bushels**	'000 tonnes	'000 bushels**
1960*	700	1,335.1	49,057	1.9	70.1
1961*	692	1,358.0	49,897	2.0	72.1
1962	684	1,331.8	48,935	1.9	71.5
1963	678	1,333.2	48,985	2.0	72.2
1964	677	1,360.1	49,975	2.0	73.8
1965	669	1,373.6	50,470	2.1	75.4
1966	651	1,363.3	50,095	2.1	77.0
1967	645	1,373.6	50,470	2.1	78.2
1968	642	1,408.1	51,740	2.2	80.6
1969	641	1,437.0	52,800	2.2	82.4
1970	642	1,459.0	53,610	2.3	83.5
1971	616	1,427.7	52,460	2.3	85.2
1972	574	1,348.9	49,560	2.3	86.3
1973	540	1,298.5	47,710	2.4	88.4
1974	523	1,278.8	46,985	2.4	89.8
1975	502	1,257.8	46,215	2.5	92.1
1976	480	1,239.2	45,535	2.6	94.9
1977	454	1,206.6	44,335	2.7	97.7
1978	446	1,216.4	44,695	2.7	100.2
1979	417	1,177.2	43,255	2.8	103.7
1980	405	1,173.1	43,105	2.9	106.4
1981	373	1,135.5	41,720	3.0	111.8
1982	361	1,142.6	41,980	3.2	116.3
1983	364	1,157.4	42,530	3.2	116.8
1984	309	1,131.0	41,555	3.7	134.5
1985	305	1,124.5	41,320	3.7	135.5
1986	292	1,114.8	40,965	3.8	140.3
1987	288	1,106.3	40,650	3.8	141.1
1988	284	1,104.5	40,580	3.9	142.9
1989	272	1,071.9	39,385	3.9	144.8
1990	264	1,110.1	40,790	4.2	154.5
1991	258	1,094.1	40,200	4.2	155.8
1992	256	1,086.5	39,920	4.2	155.9
1993	254	1,083.7	39,820	4.3	156.8
1994	251	1,072.4	39,405	4.3	157.0
1995	236	1,072.8	39,420	4.5	167.0
1996	220	1,040.3	38,225	4.7	173.8
1997	212	1,016.6	37,355	4.8	176.2
1998	209	1,063.6	39,080	5.1	187.0
1999	208	1,168.5	42,935	5.6	206.4
2000	196	1,251.1	45,970	6.4	234.5
2001	165	1,240.1	45,565	7.5	276.2
2002	100	992.2	36,455	9.9	364.6

* May include non-licensed elevators.
** Wheat equivalent.
SOURCE: Canadian Grain Commission.

BLE 103: Historical Marketings of Major Crops

rop Year	Durum Wheat	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand tonnes								
960-61	18.6	1,289.8	166.1	332.3	**1,788.2**	33.8	130.7	9.6	**1,962.3**
961-62	12.7	887.9	81.8	178.7	**1,148.4**	17.7	83.4	7.8	**1,257.3**
962-63	63.5	1,693.7	494.6	273.8	**2,462.1**	67.4	168.0	11.6	**2,709.1**
963-64	50.8	1,379.0	222.1	186.3	**1,787.4**	36.2	202.4	14.7	**2,040.7**
964-65	41.4	1,859.4	265.1	190.1	**2,314.6**	49.7	230.1	26.9	**2,621.3**
965-66	20.5	1,876.7	338.6	285.2	**2,500.5**	65.0	355.4	45.5	**2,966.4**
966-67	13.5	1,780.5	212.6	312.9	**2,306.0**	51.3	232.2	39.0	**2,628.5**
967-68	29.5	1,762.3	238.4	296.5	**2,297.2**	47.7	120.4	41.3	**2,506.6**
968-69	43.1	1,626.0	316.2	241.9	**2,184.1**	25.1	214.2	38.1	**2,461.5**
969-70	58.6	1,419.7	150.3	588.0	**2,158.0**	48.8	210.7	63.8	**2,481.3**
970-71	55.7	1,017.7	208.8	633.2	**1,859.7**	57.1	236.9	137.8	**2,291.5**
971-72	86.1	1,556.8	199.1	1,192.8	**2,948.7**	81.3	116.7	194.7	**3,341.4**
972-73	91.8	1,768.8	218.2	1,116.8	**3,103.8**	34.5	122.5	191.1	**3,451.9**
973-74	47.7	1,669.6	216.8	1,002.9	**2,889.3**	35.3	156.4	145.2	**3,226.2**
974-75	46.8	1,352.4	193.3	704.7	**2,250.4**	48.6	127.8	142.9	**2,569.7**
975-76	98.2	1,744.3	256.0	631.5	**2,631.8**	75.0	193.3	208.8	**3,108.9**
976-77	88.8	1,918.5	259.8	974.1	**3,152.4**	65.8	122.3	128.1	**3,468.6**
977-78	53.7	2,517.5	283.4	1,164.7	**3,965.6**	62.9	262.8	257.0	**4,548.3**
978-79	77.2	1,913.8	115.8	1,039.2	**3,068.8**	42.2	234.0	472.5	**3,817.5**
979-80	108.6	2,448.0	38.6	920.5	**3,407.1**	94.2	367.9	471.8	**4,341.0**
980-81	110.5	1,902.7	42.6	994.1	**2,939.4**	72.9	213.1	274.0	**3,499.4**
981-82	168.8	2,811.3	84.7	1,354.2	**4,250.2**	133.5	201.9	312.8	**4,898.4**
982-83	159.9	3,479.8	84.7	1,389.7	**4,954.2**	183.3	352.9	344.8	**5,835.2**
983-84	122.6	3,029.4	78.8	1,232.2	**4,340.4**	157.1	284.8	304.4	**5,086.7**
984-85	145.4	3,265.7	79.5	1,327.0	**4,672.2**	136.5	364.5	474.2	**5,647.4**
985-86	277.0	4,836.2	100.5	1,581.9	**6,518.6**	86.2	452.8	536.5	**7,594.1**
986-87	284.6	3,455.3	84.6	1,009.5	**4,549.4**	38.8	447.1	525.8	**5,561.1**
987-88	176.8	3,465.9	107.6	893.9	**4,467.4**	50.0	334.1	493.6	**5,345.1**
988-89	111.2	2,288.6	94.3	646.5	**3,029.4**	50.1	189.8	544.7	**3,814.1**
989-90	211.8	3,760.4	98.7	787.0	**4,646.1**	123.3	176.4	365.9	**5,311.8**
990-91	277.9	5,034.6	85.7	1,073.2	**6,193.6**	86.5	256.0	410.7	**6,946.8**
991-92	218.4	4,217.7	78.7	688.3	**4,984.7**	45.2	257.0	683.8	**5,970.7**
992-93	111.0	4,755.1	263.7	873.0	**5,891.8**	41.2	201.5	866.1	**7,000.6**
993-94	98.1	3,152.5	270.4	641.8	**4,064.8**	31.6	253.4	846.4	**5,196.2**
994-95	171.4	3,172.5	375.8	570.5	**4,118.9**	36.1	341.0	1,320.4	**5,816.4**
995-96	98.4	2,831.2	379.3	507.1	**3,717.6**	50.1	355.4	1,131.0	**5,254.1**
996-97	122.7	3,764.7	702.6	867.5	**5,334.9**	59.2	337.2	996.9	**6,728.2**
997-98	87.9	2,946.7	475.3	576.4	**3,998.5**	52.7	369.2	1,411.8	**5,832.1**
998-99	165.4	2,752.1	612.2	466.4	**3,830.6**	77.5	300.6	1,579.9	**5,788.6**
1999-2000	33.1	2,814.4	715.9	409.7	**3,940.0**	72.0	210.6	1,418.5	**5,641.0**
2000-01	74.7	3,771.6	790.5	792.3	**5,354.4**	55.5	194.5	1,584.3	**7,188.7**
2001-02	54.8	3,290.2	640.1	692.3	**4,622.7**	30.9	200.0	1,072.8	**5,926.5**

SOURCE: Statistics Canada; Canadian Grain Commission; Manitoba Agriculture and Food.

TABLE 104: Crop Marketings Continued

Crop Year	Durum Wheat	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand bushels								
1960-61	680	47,390	10,770	15,260	**73,420**	1,330	5,140	430	**80,320**
1961-62	470	32,630	5,300	8,210	**46,140**	700	3,280	340	**50,460**
1962-63	2,330	62,230	32,070	12,580	**106,880**	2,650	6,610	510	**116,650**
1963-64	1,870	50,670	14,400	8,560	**73,630**	1,420	7,970	650	**83,670**
1964-65	1,520	68,320	17,190	8,730	**94,240**	1,960	9,060	1,190	**106,450**
1965-66	750	60,960	21,950	13,100	**104,010**	2,560	13,990	2,010	**122,570**
1966-67	500	65,420	13,790	14,370	**93,580**	2,020	9,140	1,720	**106,460**
1967-68	1,080	64,760	15,460	13,620	**93,840**	1,880	4,740	1,820	**102,280**
1968-69	1,580	59,740	20,510	11,110	**91,360**	990	8,430	1,680	**102,460**
1969-70	2,150	52,170	9,740	27,010	**88,920**	1,920	8,300	2,820	**101,960**
1970-71	2,050	37,400	13,540	29,080	**80,020**	2,250	9,330	6,080	**97,680**
1971-72	3,160	57,200	12,910	54,780	**124,890**	3,200	4,590	8,590	**141,270**
1972-73	3,370	64,990	14,150	51,300	**130,440**	1,360	4,820	8,430	**145,050**
1973-74	1,750	61,350	14,060	46,070	**121,480**	1,390	6,160	6,400	**135,430**
1974-75	1,720	49,690	12,540	32,370	**94,600**	1,910	5,030	6,300	**107,840**
1975-76	3,610	64,090	16,600	29,010	**109,700**	2,950	7,610	9,210	**129,470**
1976-77	3,260	70,490	16,850	44,740	**132,080**	2,590	4,810	5,650	**145,130**
1977-78	1,970	92,500	18,380	53,490	**164,370**	2,480	10,350	11,330	**188,530**
1978-79	2,840	70,320	7,510	47,730	**125,560**	1,660	9,210	20,830	**157,260**
1979-80	3,990	89,950	2,500	42,280	**134,730**	3,710	14,480	20,800	**173,720**
1980-81	4,060	69,910	2,760	45,660	**118,330**	2,870	8,390	12,080	**141,670**
1981-82	6,200	103,300	5,490	62,200	**170,990**	5,260	7,950	13,790	**197,990**
1982-83	5,880	127,860	5,490	63,830	**197,180**	7,220	13,890	15,200	**233,490**
1983-84	4,500	111,310	5,110	56,590	**173,010**	6,180	11,210	13,420	**203,820**
1984-85	5,340	119,990	5,150	60,950	**186,090**	5,370	14,350	20,910	**226,720**
1985-86	10,180	177,700	6,520	72,660	**256,880**	3,390	17,820	23,650	**301,740**
1986-87	10,460	126,960	5,490	46,370	**178,820**	1,530	17,600	23,180	**221,130**
1987-88	6,490	127,350	6,980	41,060	**175,390**	1,970	13,150	21,760	**212,270**
1988-89	4,090	84,090	6,110	29,690	**119,890**	1,970	7,470	24,020	**153,350**
1989-90	7,780	138,170	6,400	36,140	**180,710**	4,860	6,950	16,130	**208,650**
1990-91	10,210	184,990	5,560	49,290	**239,840**	3,410	10,080	18,110	**271,440**
1991-92	8,020	154,980	5,110	31,610	**191,690**	1,780	10,070	30,140	**233,730**
1992-93	4,080	174,720	17,100	40,100	**231,920**	1,620	7,930	38,190	**279,660**
1993-94	3,600	115,840	17,540	29,480	**162,860**	1,240	9,980	37,320	**211,400**
1994-95	6,300	116,570	24,360	26,200	**167,130**	1,420	13,420	58,200	**240,170**
1995-96	3,620	104,030	24,590	23,290	**151,910**	1,970	13,990	49,870	**217,740**
1996-97	4,510	138,330	45,570	39,840	**223,740**	2,330	13,280	43,960	**283,310**
1997-98	3,230	108,270	30,820	26,470	**165,560**	2,070	14,530	62,260	**244,420**
1998-99	6,080	101,120	39,690	21,420	**162,230**	3,050	11,830	69,660	**246,770**
1999-2000	1,220	103,420	46,680	18,820	**168,920**	2,830	8,290	62,540	**242,580**
2000-01[R]	2,740	138,580	51,260	36,390	**226,230**	2,180	7,660	69,860	**305,930**
2001-02	2,010	120,890	41,510	31,800	**194,200**	1,220	7,880	47,300	**250,600**

SOURCE: Statistics Canada; Canadian Grain Commission; Manitoba Agriculture and Food.

TABLE 105: Historical Quantities of Major Grain Stocks on Farms at July 31

Year	Wheat	Oats	Barley	Rye	Flax	Canola	TOTAL
	thousand tonnes						
1960	244.9	277.6	304.8	15.2	2.5		**845.1**
1961	353.8	323.9	239.5	7.6	5.1		**929.9**
1962	54.4	77.1	43.5	1.3	5.1		**181.4**
1963	163.3	200.5	65.3	0.8	2.5		**432.4**
1964	81.6	154.2	65.3	2.5	3.8		**307.4**
1965	190.5	246.8	43.5	10.2	2.5		**493.5**
1966	136.1	185.1	43.5	10.2	7.6		**382.5**
1967	190.5	123.4	65.3	7.6	2.5		**389.3**
1968	571.5	138.8	196.0	5.1	1.5		**912.9**
1969	1,088.6	385.6	435.5	25.4	5.1	2.3	**1,942.5**
1970	1,088.6	462.7	196.0	17.8	5.1	0.6	**1,770.8**
1971	517.1	138.8	108.9	15.2	21.6	0.0	**801.6**
1972	544.3	215.9	217.7	5.1	25.4	52.2	**1,060.6**
1973	136.1	123.4	174.2	2.5	2.5	1.1	**439.8**
1974	136.1	108.0	174.2	10.2	7.6	4.5	**440.6**
1975	54.4	61.7	65.3	15.2	15.2	6.8	**218.6**
1976	81.6	92.5	108.9	7.6	10.2	49.9	**350.7**
1977	571.5	154.2	87.1	2.5	12.7	4.5	**832.5**
1978	489.9	185.1	435.4	12.7	38.1	6.8	**1,168.0**
1979	1,115.8	123.4	544.3	50.8	66.0	65.8	**1,966.1**
1980	326.6	46.3	130.6	20.3	76.2	90.7	**690.7**
1981	55.0	30.0	65.0	8.0	13.0	46.0	**217.0**
1982	270.0	60.0	200.0	15.0	10.0	14.0	**569.0**
1983	110.0	110.0	375.0	25.0	45.0	10.0	**675.0**
1984	70.0	60.0	70.0	5.0	5.0	2.0	**212.0**
1985	40.0	50.0	70.0	10.0	3.0	5.0	**178.0**
1986	40.0	100.0	130.0	25.0	20.0	20.0	**335.0**
1987	540.0	80.0	160.0	25.0	50.0	10.0	**865.0**
1988	450.0	80.0	400.0	5.0	60.0	20.0	**1,015.0**
1989	75.0	25.0	85.0	0.0	10.0	45.0	**240.0**
1990	45.0	50.0	120.0	15.0	5.0	15.0	**250.0**
1991	480.0	90.0	170.0	35.0	75.0	10.0	**860.0**
1992	270.0	55.0	130.0	10.0	90.0	50.0	**605.0**
1993	525.0	80.0	250.0	5.0	55.0	20.0	**935.0**
1994	300.0	80.0	190.0	10.0	10.0	0.0	**590.0**
1995	90.0	80.0	170.0	5.0	15.0	20.0	**380.0**
1996	95.0	35.0	140.0	2.0	25.0	50.0	**347.0**
1997	140.0	90.0	300.0	0.0	10.0	50.0	**590.0**
1998	55.0	70.0	250.0	1.0	0.0	10.0	**386.0**
1999	90.0	150.0	250.0	30.0	25.0	80.0	**625.0**
2000	90.0	100.0	180.0	20.0	55.0	250.0	**695.0**
2001	250.0	120.0	250.0	10.0	35.0	110.0	**775.0**
2002	80.0	50.0	150.0	10.0	20.0	90.0	**400.0**

SOURCE: Statistics Canada.

TABLE 105: Major Grain Stocks Continued

Year	Wheat	Oats	Barley	Rye	Flax	Canola	TOTAL
	million bushels						
1960	9.00	18.00	14.00	0.60	0.10		41.70
1961	13.00	21.00	11.00	0.30	0.20		45.50
1962	2.00	5.00	2.00	0.05	0.20		9.25
1963	6.00	13.00	3.00	0.03	0.10		22.13
1964	3.00	10.00	3.00	0.10	0.15		16.25
1965	7.00	16.00	2.00	0.40	0.10		25.50
1966	5.00	12.00	2.00	0.40	0.30		19.70
1967	7.00	8.00	3.00	0.30	0.10		18.40
1968	21.00	9.00	9.00	0.20	0.06		39.26
1969	40.00	25.00	20.00	1.00	0.20	0.10	86.30
1970	40.00	30.00	9.00	0.70	0.20	0.03	79.93
1971	19.00	9.00	5.00	0.60	0.85	0.00	34.45
1972	20.00	14.00	10.00	0.20	1.00	2.30	47.50
1973	5.00	8.00	8.00	0.10	0.10	0.05	21.25
1974	5.00	7.00	8.00	0.40	0.30	0.20	20.90
1975	2.00	4.00	3.00	0.60	0.60	0.30	10.50
1976	3.00	6.00	5.00	0.30	0.40	2.20	16.90
1977	21.00	10.00	4.00	0.10	0.50	0.20	35.80
1978	18.00	12.00	20.00	0.50	1.50	0.30	52.30
1979	41.00	8.00	25.00	2.00	2.60	2.90	81.50
1980	12.00	3.00	6.00	0.80	3.00	4.00	28.80
1981	2.02	1.95	2.99	0.31	0.51	2.03	9.81
1982	9.92	3.89	9.19	0.59	0.39	0.62	24.60
1983	4.04	7.13	17.22	0.98	1.77	0.44	31.58
1984	2.57	3.89	3.22	0.20	0.20	0.09	10.17
1985	1.47	3.24	3.22	0.39	0.12	0.22	8.66
1986	1.47	6.48	5.97	0.98	0.79	0.88	16.57
1987	19.84	5.19	7.35	0.98	1.97	0.44	35.77
1988	16.53	5.19	18.37	0.20	2.36	0.88	43.53
1989	2.76	1.62	3.90	0.00	0.39	1.98	10.65
1990	1.65	3.24	5.51	0.59	0.20	0.66	11.86
1991	17.64	5.84	7.81	1.38	2.95	0.44	36.05
1992	9.92	3.57	5.97	0.39	3.54	2.20	25.60
1993	19.29	5.19	11.48	0.20	2.17	0.88	39.20
1994	11.02	5.19	8.73	0.39	0.39	0.00	25.72
1995	3.31	5.19	7.81	0.20	0.59	0.88	17.97
1996	3.49	2.27	6.43	0.08	0.98	2.20	15.46
1997	5.14	5.84	13.78	0.00	0.39	2.20	27.36
1998	2.02	4.54	11.48	0.04	0.00	0.44	18.52
1999	3.31	9.73	11.48	1.18	0.98	3.53	30.21
2000	3.31	6.48	8.27	0.79	2.17	11.02	32.03
2001	9.19	7.78	11.48	0.39	1.38	4.85	35.07
2002	2.94	3.24	6.89	0.39	0.79	3.97	18.22

SOURCE: Statistics Canada.

BLE 106: Historical Quantities of Grain Used On-Farm for Feed
(includes waste and dockage, excludes seed)

rop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
960-61	274.0	605.0	235.0	**1,114.0**				
961-62	209.0	469.0	192.0	**870.0**				
962-63	240.0	1,142.0	142.0	**1,524.0**				
963-64	222.0	720.0	145.0	**1,087.0**				
964-65	209.0	712.0	161.0	**1,082.0**				
965-66	192.0	809.0	167.0	**1,168.0**				
966-67	167.0	777.0	244.0	**1,188.0**				
967-68	167.0	777.0	244.0	**1,188.0**				
968-69	229.0	630.0	415.0	**1,274.0**				
969-70	262.0	791.0	472.0	**1,525.0**				
970-71	278.0	880.0	539.0	**1,697.0**				
971-72	330.9	853.2	672.2	**1,856.3**	10.1	20.5	23.6	**1,910.5**
972-73	403.0	672.6	704.5	**1,780.1**	12.4	39.6	51.5	**1,883.6**
973-74	319.3	726.5	742.0	**1,787.8**	8.0	20.8	24.2	**1,840.8**
974-75	208.4	473.4	502.5	**1,184.3**	5.8	18.9	45.2	**1,254.2**
975-76	206.5	440.1	381.0	**1,027.6**	5.8	17.1	30.8	**1,081.3**
976-77	264.2	580.5	438.8	**1,283.5**	4.2	21.9	17.6	**1,327.2**
977-78	174.0	551.3	473.0	**1,198.3**	7.4	28.7	27.7	**1,262.1**
978-79	176.4	560.2	652.4	**1,389.0**	14.9	33.4	42.5	**1,479.8**
979-80	256.7	325.5	682.6	**1,264.8**	11.0	52.4	67.5	**1,395.7**
980-81	125.4	226.6	558.0	**910.0**	8.1	48.3	63.9	**1,030.3**
981-82	147.3	325.2	769.4	**1,241.9**	27.4	46.7	22.7	**1,338.7**
982-83	205.9	368.0	745.6	**1,319.5**	13.1	35.7	55.4	**1,423.7**
983-84	251.1	349.1	597.4	**1,197.6**	12.8	33.5	96.8	**1,340.7**
984-85	321.8	342.8	544.8	**1,209.4**	47.2	57.8	63.6	**1,378.0**
985-86	182.1	326.2	824.7	**1,333.0**	63.6	69.9	80.5	**1,547.1**
986-87	299.0	371.5	745.8	**1,416.3**	16.4	54.3	48.3	**1,535.3**
987-88	369.2	302.8	745.9	**1,417.9**	12.2	42.7	58.6	**1,531.4**
988-89	245.3	170.6	716.2	**1,132.1**	1.9	27.5	62.0	**1,223.4**
989-90	212.7	189.9	665.2	**1,067.8**	54.0	33.4	47.1	**1,202.2**
990-91	189.6	199.9	786.1	**1,175.5**	47.6	43.4	50.9	**1,317.4**
991-92	573.9	158.0	735.8	**1,467.7**	38.3	51.2	67.5	**1,624.7**
992-93	583.0	245.1	531.7	**1,359.8**	27.6	31.0	144.9	**1,563.4**
993-94	537.6	196.3	618.1	**1,351.9**	5.2	22.5	73.1	**1,452.7**
994-95	565.8	260.6	732.8	**1,559.1**	4.5	20.6	138.0	**1,722.2**
995-96	391.6	252.8	793.1	**1,437.5**	3.7	27.8	61.3	**1,530.3**
996-97	403.9	270.2	1,032.1	**1,706.1**	5.7	23.6	64.1	**1,799.5**
997-98	352.2	237.9	1,110.3	**1,700.4**	4.8	34.0	116.8	**1,856.1**
998-99	299.4	309.1	1,124.8	**1,733.4**	7.7	25.3	145.6	**1,912.0**
999-2000	179.4	154.6	828.5	**1,162.6**	12.4	23.0	112.2	**1,310.2**
2000-01	169.1	173.3	716.0	**1,058.5**	8.6	22.7	37.8	**1,127.5**
2001-02	166.5	136.8	601.1	**904.3**	5.3	6.3	63.2	**979.0**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 106: Grain Used On-Farm for Feed Continued

Crop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand bushels							
1960-61	10,090	39,200	10,800	**60,080**				
1961-62	7,690	30,430	8,840	**46,950**				
1962-63	8,820	74,040	6,500	**89,360**				
1963-64	8,160	46,710	6,640	**61,500**				
1964-65	7,680	46,170	7,380	**61,230**				
1965-66	7,060	52,460	7,660	**67,170**				
1966-67	6,150	50,390	11,210	**67,750**				
1967-68	6,030	45,740	11,610	**63,380**				
1968-69	8,430	40,860	19,060	**68,340**				
1969-70	9,630	51,300	21,700	**82,630**				
1970-71	10,200	57,080	24,750	**92,030**				
1971-72	12,160	55,320	30,870	**98,350**	400	810	1,040	**100,600**
1972-73	14,810	43,610	32,360	**90,780**	490	1,560	2,270	**95,100**
1973-74	11,730	47,110	34,080	**92,920**	310	820	1,070	**95,120**
1974-75	7,660	30,700	23,080	**61,440**	230	740	1,990	**64,400**
1975-76	7,590	28,540	17,500	**53,630**	230	670	1,360	**55,890**
1976-77	9,710	37,640	20,150	**67,500**	170	860	780	**69,310**
1977-78	6,390	35,750	21,720	**63,860**	290	1,130	1,220	**66,500**
1978-79	6,480	36,320	29,960	**72,760**	590	1,310	1,870	**76,530**
1979-80	9,430	21,110	31,350	**61,890**	430	2,060	2,980	**67,360**
1980-81	4,610	14,690	25,630	**44,930**	320	1,900	2,820	**49,970**
1981-82	5,410	21,090	35,340	**61,840**	1,080	1,840	1,000	**65,760**
1982-83	7,570	23,860	34,240	**65,670**	520	1,410	2,440	**70,040**
1983-84	9,230	22,640	27,440	**59,310**	500	1,320	4,270	**65,400**
1984-85	11,820	22,230	25,020	**59,070**	1,860	2,280	2,800	**66,010**
1985-86	6,690	21,150	37,870	**65,710**	2,510	2,760	3,550	**74,530**
1986-87	10,990	24,080	34,250	**69,320**	640	2,140	2,130	**74,230**
1987-88	13,570	19,630	34,250	**67,450**	480	1,680	2,590	**72,200**
1988-89	9,020	11,070	32,900	**52,990**	80	1,080	2,730	**56,880**
1989-90	7,820	12,310	30,560	**50,690**	2,120	1,310	2,080	**56,200**
1990-91	6,970	12,960	36,110	**56,040**	1,870	1,710	2,240	**61,850**
1991-92	21,080	10,250	33,800	**65,130**	1,510	2,010	2,990	**71,630**
1992-93	21,420	15,890	24,420	**61,730**	1,090	1,220	6,390	**70,430**
1993-94	19,750	12,720	28,390	**60,860**	210	880	3,220	**65,170**
1994-95	20,790	16,900	33,660	**71,350**	180	810	6,100	**78,430**
1995-96	14,390	16,400	36,430	**67,220**	150	1,100	2,700	**71,160**
1996-97	14,840	17,510	47,410	**79,760**	220	920	2,820	**83,730**
1997-98	12,940	15,860	51,000	**79,800**	190	1,340	5,140	**86,480**
1998-99	11,000	20,050	51,660	**82,710**	300	1,000	6,420	**90,440**
1999-2000 ..	6,580	10,020	38,050	**54,650**	490	910	4,950	**61,010**
2000-01	6,220	11,240	32,890	**50,350**	340	890	1,660	**53,240**
2001-02	6,120	8,860	27,610	**42,590**	200	240	2,790	**45,820**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture and Food

TABLE 107: Historical Quantities of Grain Used On-Farm for Seed

Crop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
1960-61	123.0	48.0	22.0	**193.0**	2.0	13.0	0.1	**208.1**
1961-62	128.0	66.0	21.0	**215.0**	4.0	11.0	0.1	**230.1**
1962-63	133.0	60.0	20.0	**213.0**	3.0	14.0	0.1	**230.1**
1963-64	143.0	60.0	17.0	**220.0**	4.0	17.0	0.3	**241.3**
1964-65	137.0	56.0	20.0	**213.0**	4.0	23.0	0.5	**240.5**
1965-66	137.0	56.0	29.0	**222.0**	3.0	19.0	0.5	**244.5**
1966-67	148.0	59.0	32.0	**239.0**	4.0	11.0	0.5	**254.5**
1967-68	143.0	58.0	39.0	**240.0**	4.0	14.0	0.3	**258.3**
1968-69	105.0	56.0	40.0	**201.0**	5.0	19.0	0.6	**225.6**
1969-70	59.0	46.0	50.0	**155.0**	4.0	19.0	1.3	**179.3**
1970-71	106.0	51.0	69.0	**226.0**	4.0	10.0	1.9	**241.9**
1971-72	99.1	42.6	73.2	**214.9**	2.5	8.9	1.7	**228.0**
1972-73	114.3	49.7	73.2	**237.2**	2.5	10.7	1.3	**251.7**
1973-74	106.7	44.1	62.1	**212.9**	3.1	10.7	1.8	**228.5**
1974-75	126.6	42.6	55.7	**224.9**	3.6	13.3	2.4	**244.2**
1975-76	144.8	44.1	53.9	**242.8**	2.8	8.0	0.8	**254.4**
1976-77	130.6	39.0	67.9	**237.5**	3.4	24.3	1.8	**267.0**
1977-78	138.8	28.4	61.0	**228.2**	3.8	13.3	3.3	**248.6**
1978-79	114.3	17.7	50.5	**182.5**	4.2	13.3	4.3	**204.3**
1979-80	125.7	21.3	73.2	**220.2**	5.2	22.2	2.5	**250.1**
1980-81	148.6	24.8	81.9	**255.3**	6.0	14.2	1.9	**277.4**
1981-82	152.4	23.1	71.4	**246.9**	7.2	12.4	2.7	**269.2**
1982-83	175.3	21.3	62.7	**259.3**	6.7	16.0	3.0	**285.0**
1983-84	169.6	23.1	64.4	**257.1**	7.0	13.3	3.8	**281.2**
1984-85	184.8	19.5	66.2	**270.5**	7.1	18.7	3.2	**299.5**
1985-86	207.7	17.3	59.4	**284.4**	2.5	19.3	3.0	**309.2**
1986-87	204.0	18.9	65.4	**288.3**	2.2	14.7	2.9	**308.1**
1987-88	200.9	21.4	57.9	**280.2**	3.5	12.0	4.8	**300.5**
1988-89	222.6	21.4	62.7	**306.7**	8.9	13.0	3.3	**331.9**
1989-90	229.1	16.4	58.6	**304.1**	5.8	13.7	2.6	**326.2**
1990-91	225.2	13.7	50.2	**289.1**	3.4	11.6	3.8	**307.9**
1991-92	224.7	20.4	42.0	**287.1**	2.5	7.0	4.8	**301.4**
1992-93	214.6	21.4	42.9	**278.9**	2.2	10.8	5.6	**297.5**
1993-94	172.2	26.8	41.1	**240.1**	1.4	13.0	7.7	**262.2**
1994-95	168.3	26.8	44.8	**239.9**	2.5	14.6	7.1	**264.1**
1995-96	176.9	37.5	57.9	**272.3**	2.5	10.7	4.7	**290.2**
1996-97	162.9	28.6	52.3	**243.8**	3.1	12.4	7.2	**266.5**
1997-98	136.3	35.7	48.5	**220.5**	3.7	13.2	8.3	**245.7**
1998-99	133.2	28.9	39.6	**201.7**	2.6	9.8	7.5	**221.6**
1999-2000	164.5	33.9	46.7	**245.1**	1.8	8.2	7.1	**262.2**
2000-01	165.3	32.5	43.7	**241.5**	1.8	8.5	5.7	**257.5**
2001-02	143.9	41.1	41.1	**226.1**	1.5	8.1	6.6	**242.3**

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 107: Grain Used On-Farm for Seed Continued

Crop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand bushels							
1960-61	4,510	3,100	1,000	**8,610**	90	500	4	**9,204**
1961-62	4,710	4,270	960	**9,940**	140	440	5	**10,525**
1962-63	4,880	3,860	900	**9,640**	110	550	10	**10,310**
1963-64	5,240	3,890	760	**9,890**	150	680	10	**10,730**
1964-65	5,020	3,630	920	**9,570**	150	900	20	**10,640**
1965-66	5,040	3,640	1,340	**10,020**	120	740	20	**10,900**
1966-67	5,450	3,810	1,490	**10,750**	160	440	20	**11,370**
1967-68	5,270	3,760	1,790	**10,820**	140	550	10	**11,520**
1968-69	3,870	3,640	1,840	**9,350**	190	730	30	**10,300**
1969-70	2,170	3,000	2,300	**7,470**	150	730	60	**8,410**
1970-71	3,900	3,320	3,150	**10,370**	150	380	80	**10,980**
1971-72	3,640	2,760	3,360	**9,760**	100	350	70	**10,280**
1972-73	4,200	3,220	3,360	**10,780**	100	420	60	**11,360**
1973-74	3,920	2,860	2,850	**9,630**	120	420	80	**10,250**
1974-75	4,650	2,760	2,560	**9,970**	140	520	110	**10,740**
1975-76	5,320	2,860	2,480	**10,660**	110	310	40	**11,120**
1976-77	4,800	2,530	3,120	**10,450**	130	960	80	**11,620**
1977-78	5,100	1,840	2,800	**9,740**	150	520	150	**10,560**
1978-79	4,200	1,150	2,320	**7,670**	170	520	190	**8,550**
1979-80	4,620	1,380	3,360	**9,360**	200	870	110	**10,540**
1980-81	5,460	1,610	3,760	**10,830**	240	560	80	**11,710**
1981-82	5,600	1,500	3,280	**10,380**	280	490	120	**11,270**
1982-83	6,140	1,380	2,880	**10,700**	260	630	130	**11,720**
1983-84	6,230	1,500	2,960	**10,690**	280	520	170	**11,660**
1984-85	6,790	1,260	3,040	**11,090**	280	740	140	**12,250**
1985-86	7,630	1,120	2,730	**11,480**	100	760	130	**12,470**
1986-87	7,500	1,230	3,000	**11,730**	90	580	130	**12,530**
1987-88	7,380	1,390	2,660	**11,430**	140	470	210	**12,250**
1988-89	8,180	1,390	2,880	**12,450**	350	510	150	**13,460**
1989-90	8,420	1,060	2,690	**12,170**	230	540	110	**13,050**
1990-91	8,270	890	2,310	**11,470**	130	460	170	**12,230**
1991-92	8,260	1,320	1,930	**11,510**	100	280	210	**12,100**
1992-93	7,890	1,390	1,970	**11,250**	90	430	250	**12,020**
1993-94	6,330	1,740	1,890	**9,960**	60	510	340	**10,870**
1994-95	6,180	1,740	2,060	**9,980**	100	570	310	**10,960**
1995-96	6,500	2,430	2,660	**11,590**	100	420	210	**12,320**
1996-97	5,990	1,850	2,400	**10,240**	120	490	320	**11,170**
1997-98	5,008	2,315	2,228	**9,551**	146	520	366	**10,582**
1998-99	4,894	1,874	1,819	**8,587**	102	386	331	**9,406**
1999-2000	6,044	2,198	2,145	**10,387**	71	323	313	**11,094**
2000-01	6,074	2,107	2,007	**10,188**	71	335	251	**10,845**
2001-02	5,287	2,665	1,888	**9,840**	59	319	291	**10,509**

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 108: Historical Farm Supply and Disposition of Major Crops

1996/97	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	5.0	95.0	35.0	140.0	2.0	25.0	50.0	347.0
Production	157.9	4,376.5	1,056.4	2,111.9	66.0	358.2	1,068.2	9,037.2
TOTAL SUPPLY	**162.9**	**4,471.5**	**1,091.4**	**2,251.9**	**68.0**	**383.2**	**1,118.2**	**9,384.2**
DISPOSITION								
Marketings	122.7	3,764.7	702.6	867.5	59.2	337.2	996.9	6,728.2
Seed Requirements	6.4	162.9	28.6	52.3	3.1	12.4	7.2	266.5
Feed, Waste & Dockage	23.8	403.9	270.2	1,032.1	5.7	23.6	64.1	1,799.5
Carryover, July 31	10.0	140.0	90.0	300.0	0.0	10.0	50.0	590.0
TOTAL DISPOSITION	**162.9**	**4,471.5**	**1,091.4**	**2,251.9**	**68.0**	**383.2**	**1,118.2**	**9,384.2**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	184	3,491	2,269	6,430	79	984	2,205	15,458
Production	5,802	160,810	68,499	96,997	2,598	14,101	47,099	390,105
TOTAL SUPPLY	**5,986**	**164,301**	**70,769**	**103,428**	**2,677**	**15,085**	**49,304**	**405,563**
DISPOSITION								
Marketings	4,510	138,330	45,570	39,840	2,330	13,280	43,960	283,310
Seed Requirements	235	5,986	1,854	2,402	122	488	317	11,170
Feed, Waste & Dockage	873	14,841	17,508	47,407	225	924	2,822	83,726
Carryover, July 31	367	5,144	5,836	13,779	0	394	2,205	27,357
TOTAL DISPOSITION	**5,986**	**164,301**	**70,769**	**103,428**	**2,677**	**15,085**	**49,304**	**405,563**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada.

1997/98	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	10.0	140.0	90.0	300.0	0.0	10.0	50.0	590.0
Production	106.1	3,350.2	735.6	1,685.2	62.2	406.4	1,496.9	7,736.5
TOTAL SUPPLY	**116.1**	**3,490.2**	**825.6**	**1,985.2**	**62.2**	**416.4**	**1,546.9**	**8,326.5**
DISPOSITION								
Marketings	87.9	2,946.7	475.3	576.4	52.7	369.2	1,411.8	5,832.1
Seed Requirements	9.1	136.3	35.7	48.5	3.7	13.2	8.3	245.7
Feed, Waste & Dockage	14.1	352.2	244.6	1,110.3	4.8	34.0	116.8	1,862.7
Carryover, July 31	5.0	55.0	70.0	250.0	1.0	0.0	10.0	386.0
TOTAL DISPOSITION	**116.1**	**3,490.2**	**825.6**	**1,985.2**	**62.2**	**416.4**	**1,546.9**	**8,326.5**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	367	5,144	5,836	13,779	0	394	2,205	27,357
Production	3,899	123,100	47,698	77,400	2,449	16,000	66,000	332,646
TOTAL SUPPLY	**4,266**	**128,244**	**53,534**	**91,178**	**2,449**	**16,392**	**68,206**	**360,003**
DISPOSITION								
Marketings	3,230	108,270	30,820	26,470	2,070	14,530	62,260	244,420
Seed Requirements	334	5,008	2,315	2,228	146	520	366	10,582
Feed, Waste & Dockage	518	12,945	15,860	50,998	194	1,343	5,139	86,478
Carryover, July 31	184	2,021	4,539	11,482	39	0	441	18,522
TOTAL DISPOSITION	**4,266**	**128,244**	**53,534**	**91,178**	**2,449**	**16,392**	**68,206**	**360,003**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada.

TABLE 108: Supply and Disposition Continued

1998/99	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1...	5.0	55.0	70.0	250.0	1.0	0.0	10.0	386.0
Production	190.5	3,219.7	1,030.2	1,630.8	116.8	360.7	1,803.0	8,161.2
TOTAL SUPPLY	**195.5**	**3,274.7**	**1,100.2**	**1,880.8**	**117.8**	**360.7**	**1,813.0**	**8,547.2**
DISPOSITION								
Marketings	165.4	2,752.1	612.2	466.4	77.5	300.6	1,579.9	5,788.6
Seed Requirements	1.8	133.2	28.9	39.6	2.6	9.8	7.5	221.6
Feed, Waste & Dockage	18.3	299.4	309.1	1,124.8	7.7	25.3	145.6	1,912.0
Carryover, July 31	10.0	90.0	150.0	250.0	30.0	25.0	80.0	625.0
TOTAL DISPOSITION	**195.5**	**3,274.7**	**1,100.2**	**1,880.8**	**117.8**	**360.7**	**1,813.0**	**8,547.2**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1...	184	2,021	4,539	11,482	39	0	441	18,522
Production	7,000	118,300	66,800	74,900	4,600	14,200	79,500	358,298
TOTAL SUPPLY	**7,183**	**120,326**	**71,339**	**86,383**	**4,637**	**14,200**	**79,939**	**376,824**
DISPOSITION								
Marketings	6,080	101,120	39,690	21,420	3,050	11,830	69,660	246,770
Seed Requirements	66	4,894	1,874	1,819	102	386	331	9,406
Feed, Waste & Dockage	670	11,004	20,049	51,662	304	1,000	6,421	90,440
Carryover, July 31	367	3,307	9,726	11,482	1,181	984	3,527	30,208
TOTAL DISPOSITION	**7,183**	**120,326**	**71,339**	**86,383**	**4,637**	**14,200**	**79,939**	**376,824**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada.

1999/2000	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1...	10.0	90.0	150.0	250.0	30.0	25.0	80.0	625.0
Production	35.4	3,158.3	854.4	1,214.9	76.2	271.8	1,707.8	7,283.4
TOTAL SUPPLY	**45.4**	**3,248.3**	**1,004.4**	**1,464.9**	**106.2**	**296.8**	**1,787.8**	**7,908.4**
DISPOSITION								
Marketings	33.1	2,814.4	715.9	409.7	72.0	210.6	1,418.5	5,641.0
Seed Requirements	5.9	164.5	33.9	46.7	1.8	8.2	7.1	262.2
Feed, Waste & Dockage	6.4	179.4	154.6	828.5	12.4	23.0	112.2	1,310.2
Carryover, July 31	0.0	90.0	100.0	180.0	20.0	55.0	250.0	695.0
TOTAL DISPOSITION	**45.4**	**3,248.3**	**1,004.4**	**1,464.9**	**106.2**	**296.8**	**1,787.8**	**7,908.4**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1...	367	3,307	9,726	11,482	1,181	984	3,527	30,208
Production	1,300	116,050	55,400	55,800	3,000	10,700	75,300	316,250
TOTAL SUPPLY	**1,668**	**119,356**	**65,127**	**67,281**	**4,181**	**11,684**	**78,828**	**346,457**
DISPOSITION								
Marketings	1,220	103,420	46,420	18,820	2,830	8,290	62,540	242,320
Seed Requirements	217	6,044	2,198	2,145	71	323	313	11,094
Feed, Waste & Dockage	231	6,584	10,025	38,049	493	906	4,952	61,009
Carryover, July 31	0	3,307	6,484	8,267	787	2,165	11,023	32,034
TOTAL DISPOSITION	**1,668**	**119,356**	**65,127**	**67,281**	**4,181**	**11,684**	**78,828**	**346,457**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada.

ABLE 108: Supply and Disposition Continued

2000/2001	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1...	-	90.0	100.0	180.0	20.0	55.0	250.0	695.0
Production	141.5	4,266.0	1,016.3	1,622.0	55.9	205.7	1,487.8	8,653.7
TOTAL SUPPLY	**141.5**	**4,356.0**	**1,116.3**	**1,802.0**	**75.9**	**260.7**	**1,737.8**	**9,348.7**
DISPOSITION								
Marketings	74.7	3,771.6	790.5	792.3	55.5	194.5	1,584.3	7,188.7
Seed Requirements	2.3	165.3	32.5	43.7	1.8	8.5	5.7	257.5
Feed, Waste & Dockage	14.5	169.1	173.3	716.0	8.6	22.7	37.8	1,127.5
Carryover, July 31	50.0	250.0	120.0	250.0	10.0	35.0	110.0	775.0
TOTAL DISPOSITION	**141.5**	**4,356.0**	**1,116.3**	**1,802.0**	**75.9**	**260.7**	**1,737.8**	**9,348.7**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1...	0	3,307	6,484	8,267	787	2,165	11,023	32,034
Production	5,200	156,750	65,900	74,500	2,200	8,100	65,600	373,050
TOTAL SUPPLY	**5,200**	**160,057**	**72,384**	**82,767**	**2,987**	**10,265**	**76,623**	**405,084**
DISPOSITION								
Marketings	2,740	138,580	51,260	36,390	2,180	7,660	69,860	305,930
Seed Requirements	85	6,074	2,107	2,007	71	335	251	10,845
Feed, Waste & Dockage	538	6,217	11,236	32,888	343	893	1,662	53,238
Carryover, July 31	1,837	9,186	7,781	11,482	394	1,378	4,850	35,071
TOTAL DISPOSITION	**5,200**	**160,057**	**72,384**	**82,767**	**2,987**	**10,265**	**76,623**	**405,084**

Note: May not add due to rounding.
SOURCE: Statistics Canada.

2001/2002	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1...	50.0	250.0	120.0	250.0	10.0	35.0	110.0	775.0
Production	42.2	3,430.6	748.0	1,234.5	37.7	199.4	1,122.6	6,772.8
TOTAL SUPPLY	**92.2**	**3,680.6**	**868.0**	**1,484.5**	**47.7**	**234.4**	**1,232.6**	**7,547.8**
DISPOSITION								
Marketings	54.8	3,290.2	640.1	692.3	30.9	200.0	1,072.8	5,926.5
Seed Requirements	2.3	143.9	41.1	41.1	1.5	8.1	6.6	242.3
Feed, Waste & Dockage	25.1	166.5	136.8	601.1	5.3	6.3	63.2	979.0
Carryover, July 31	10.0	80.0	50.0	150.0	10.0	20.0	90.0	400.0
TOTAL DISPOSITION	**92.2**	**3,680.6**	**868.0**	**1,484.5**	**47.7**	**234.4**	**1,232.6**	**7,547.8**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1...	1,837	9,186	7,781	11,482	394	1,378	4,850	35,071
Production	1,550	126,050	48,500	56,700	1,480	7,850	49,498	290,078
TOTAL SUPPLY	**3,387**	**135,236**	**56,281**	**68,182**	**1,874**	**9,228**	**54,348**	**325,149**
DISPOSITION								
Marketings	2,010	120,890	41,510	31,800	1,220	7,880	47,300	250,600
Seed Requirements	85	5,287	2,665	1,888	59	319	291	10,509
Feed, Waste & Dockage	925	6,119	8,864	27,605	201	242	2,789	45,819
Carryover, July 31	367	2,940	3,242	6,889	394	787	3,968	18,220
TOTAL DISPOSITION	**3,387**	**135,236**	**56,281**	**68,182**	**1,874**	**9,228**	**54,348**	**325,149**

Note: May not add due to rounding.
SOURCE: Statistics Canada.

TABLE 109: Historical Summary of Seeded Area by Agricultural Region

thousand acres	1993	1994	1995	1996	1997	1998[R]	1999[R]	2000[R]	2001	2002	93-02 Ave.
Agricultural Region 1											
Spring Wheat	755	575	575	572	525	400	320	440	465	395	502
Durum Wheat	47	102	75	74	71	86	16	78	23	24	60
Winter Wheat	13	4	4	3	7	10	12	22	56	15	15
ALL WHEAT	**815**	**681**	**654**	**649**	**603**	**497**	**347**	**541**	**544**	**434**	**576**
Oats	61	75	80	100	93	97	40	90	75	115	83
Barley	115	110	125	140	145	145	105	145	125	135	129
Rye	23	13	28	27	37	41	20	16	10	11	22
Flax	45	73	81	57	73	84	46	73	62	71	67
Canola	215	315	245	160	260	325	205	290	220	265	250
TOTAL MAJOR CROPS	**1,274**	**1,266**	**1,212**	**1,133**	**1,211**	**1,189**	**764**	**1,155**	**1,036**	**1,031**	**1,127**
Tame Hay	100	105	105	127	125	125	140	145	165	165	130
Summerfallow	55	40	65	87	50	40	524	33	61	20	98
Pasture	60	60	60	65	66	66	66	75	69	68	65
TOTAL ABOVE	**1,489**	**1,471**	**1,442**	**1,412**	**1,452**	**1,420**	**1,494**	**1,408**	**1,331**	**1,284**	**1,420**
Agricultural Region 2											
Spring Wheat	550	425	440	483	430	335	295	400	415	385	416
Durum Wheat	20	56	33	36	37	54	13	24	11	22	31
Winter Wheat	1	0	1	3	7	10	7	20	37	33	12
ALL WHEAT	**571**	**481**	**474**	**522**	**474**	**399**	**315**	**444**	**463**	**441**	**458**
Oats	74	95	80	106	81	81	55	95	80	115	86
Barley	160	175	160	193	175	180	150	185	175	190	174
Rye	17	17	19	20	18	22	19	18	14	17	18
Flax	33	63	80	57	66	79	44	50	61	61	60
Canola	185	260	205	164	230	275	195	245	215	210	218
TOTAL MAJOR CROPS	**1,040**	**1,091**	**1,019**	**1,062**	**1,044**	**1,036**	**778**	**1,037**	**1,009**	**1,034**	**1,015**
Tame Hay	150	155	155	177	165	170	180	190	215	205	176
Summerfallow	70	80	90	95	65	55	341	52	78	46	97
Pasture	94	94	94	97	98	98	98	100	105	85	96
TOTAL ABOVE	**1,354**	**1,420**	**1,358**	**1,431**	**1,372**	**1,359**	**1,396**	**1,379**	**1,406**	**1,369**	**1,384**
Agricultural Region 3											
Spring Wheat	555	460	470	489	465	390	345	410	410	355	435
Durum Wheat	12	23	16	15	18	35	3	14	4	2	14
Winter Wheat	0	0	1	3	4	5	6	7	16	19	6
ALL WHEAT	**567**	**483**	**487**	**507**	**486**	**430**	**354**	**431**	**430**	**377**	**455**
Oats	47	70	55	68	46	56	45	55	65	80	59
Barley	175	175	200	185	185	190	185	170	170	145	178
Rye	5	3	4	6	4	8	6	5	3	4	5
Flax	38	58	70	60	64	67	47	44	45	58	55
Canola	235	320	240	182	285	320	270	295	265	255	267
TOTAL MAJOR CROPS	**1,066**	**1,109**	**1,056**	**1,008**	**1,071**	**1,071**	**907**	**1,001**	**978**	**918**	**1,018**
Tame Hay	150	155	155	156	130	135	170	175	190	180	160
Summerfallow	125	115	130	130	95	80	234	71	117	53	115
Pasture	88	88	88	103	103	104	104	77	86	71	91
TOTAL ABOVE	**1,429**	**1,467**	**1,429**	**1,397**	**1,399**	**1,390**	**1,415**	**1,323**	**1,371**	**1,222**	**1,384**
Agricultural Region 4											
Spring Wheat	220	180	280	210	180	145	145	140	165	120	178
Durum Wheat	3	4	4	1	2	5	2	2	1	-	2
Winter Wheat	0	0	0	0	0	0	1	-	2	2	1
ALL WHEAT	**223**	**184**	**284**	**211**	**182**	**151**	**147**	**142**	**168**	**122**	**181**
Oats	27	20	25	37	25	32	20	30	30	40	29
Barley	40	45	50	59	50	50	40	45	50	40	47
Rye	1	0	1	1	0	1	0	0	1	0	1
Flax	4	12	21	11	14	19	17	4	6	6	11
Canola	90	125	305	71	105	120	120	100	110	85	123
TOTAL MAJOR CROPS	**384**	**386**	**686**	**390**	**376**	**373**	**345**	**321**	**365**	**293**	**392**
Tame Hay	95	95	100	108	105	110	120	105	130	140	111
Summerfallow	65	65	70	61	45	35	55	32	48	29	51
Pasture	64	64	64	77	78	78	78	68	49	58	68
TOTAL ABOVE	**608**	**610**	**920**	**636**	**604**	**596**	**598**	**525**	**593**	**520**	**621**

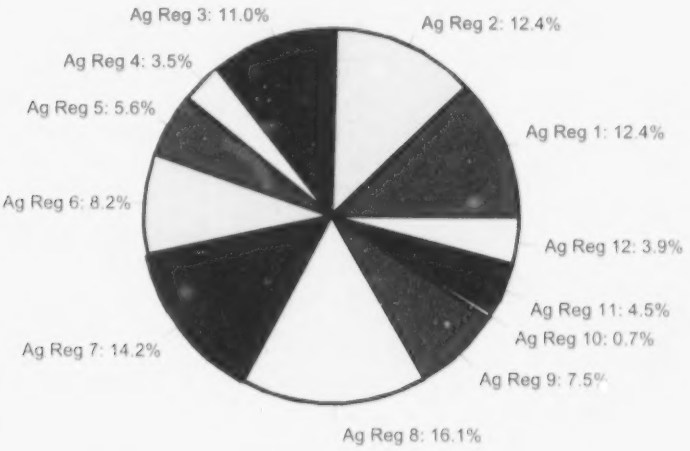
thousand acres	1993	1994	1995	1996	1997	1998[R]	1999[R]	2000[R]	2001	2002	93-02 Ave.
Agricultural Region 5											
Spring Wheat	295	250	230	220	210	185	215	255	205	230	230
Durum Wheat	3	3	1	1	0	0	-	1	0	1	1
Winter Wheat	0	0	0	1	1	3	2	1	2	6	1
ALL WHEAT	**298**	**253**	**231**	**222**	**211**	**188**	**217**	**257**	**207**	**237**	**232**
Oats	23	25	20	27	20	20	25	25	20	30	24
Barley	30	35	40	60	55	40	30	35	25	40	39
Rye	2	0	2	1	2	5	2	1	0	0	2
Flax	11	10	16	10	9	11	6	1	3	2	8
Canola	90	135	120	81	155	205	195	185	130	160	146
TOTAL MAJOR CROPS	**454**	**458**	**429**	**400**	**452**	**469**	**475**	**504**	**386**	**469**	**450**
Tame Hay	80	80	85	86	105	105	95	85	110	90	92
Summerfallow	30	35	30	46	45	35	30	20	25	17	31
Pasture	52	52	52	57	58	58	58	55	39	38	52
TOTAL ABOVE	**616**	**625**	**596**	**590**	**660**	**667**	**658**	**664**	**560**	**613**	**625**
Agricultural Region 6											
Spring Wheat	345	260	265	291	265	225	240	265	275	270	270
Durum Wheat	8	13	8	4	8	11	6	2	3	-	6
Winter Wheat	0	0	0	1	1	1	3	2	4	8	2
ALL WHEAT	**353**	**273**	**273**	**297**	**274**	**237**	**249**	**269**	**282**	**278**	**278**
Oats	71	85	70	100	62	78	75	85	65	90	78
Barley	65	65	75	96	85	85	80	95	95	85	83
Rye	4	1	2	2	3	6	2	2	2	2	3
Flax	26	34	37	29	32	33	27	27	24	21	29
Canola	150	215	165	127	185	210	190	175	155	205	178
TOTAL MAJOR CROPS	**669**	**673**	**622**	**650**	**641**	**649**	**623**	**653**	**623**	**681**	**648**
Tame Hay	290	295	300	238	290	300	275	270	310	300	287
Summerfallow	70	60	65	78	50	45	107	42	55	46	62
Pasture	122	122	122	126	128	128	128	136	174	99	129
TOTAL ABOVE	**1,151**	**1,150**	**1,109**	**1,092**	**1,109**	**1,122**	**1,133**	**1,101**	**1,163**	**1,125**	**1,125**
Agricultural Region 7											
Spring Wheat	710	520	490	519	400	300	355	525	525	415	476
Durum Wheat	4	7	2	3	1	1	0	2	4	0	2
Winter Wheat	0	0	3	10	13	30	19	24	35	38	17
ALL WHEAT	**714**	**527**	**494**	**532**	**414**	**331**	**374**	**551**	**563**	**453**	**495**
Oats	135	160	170	225	136	148	130	205	185	235	173
Barley	155	120	130	201	160	140	105	145	140	120	142
Rye	7	5	9	12	11	19	15	6	6	5	9
Flax	146	144	150	108	98	95	76	73	83	61	103
Canola	305	370	345	251	290	325	305	315	240	305	305
TOTAL MAJOR CROPS	**1,462**	**1,326**	**1,298**	**1,328**	**1,109**	**1,058**	**1,005**	**1,294**	**1,218**	**1,179**	**1,228**
Tame Hay	190	195	200	192	195	195	220	190	225	225	203
Summerfallow	30	30	60	83	30	25	62	24	61	26	43
Pasture	110	110	110	98	99	100	100	92	80	137	104
TOTAL ABOVE	**1,792**	**1,661**	**1,668**	**1,701**	**1,433**	**1,378**	**1,387**	**1,600**	**1,584**	**1,567**	**1,577**
Agricultural Region 8											
Spring Wheat	880	710	675	674	755	575	695	665	660	560	685
Durum Wheat	18	40	12	10	3	6	1	5	2	1	10
Winter Wheat	0	0	1	3	5	16	18	23	25	27	12
ALL WHEAT	**898**	**750**	**688**	**686**	**764**	**597**	**714**	**692**	**687**	**588**	**706**
Oats	55	100	110	161	183	288	240	140	125	155	156
Barley	160	190	220	277	290	235	175	170	150	150	202
Rye	6	1	5	9	8	18	14	5	6	5	8
Flax	135	176	210	148	210	208	162	91	98	88	153
Canola	290	450	395	276	505	580	565	385	310	355	411
TOTAL MAJOR CROPS	**1,544**	**1,667**	**1,628**	**1,558**	**1,960**	**1,926**	**1,871**	**1,483**	**1,376**	**1,341**	**1,635**
Tame Hay	100	105	105	116	95	100	135	145	155	160	122
Summerfallow	20	25	65	73	25	20	36	15	43	9	33
Pasture	46	46	46	51	52	52	52	75	49	82	55
TOTAL ABOVE	**1,710**	**1,843**	**1,844**	**1,797**	**2,132**	**2,098**	**2,093**	**1,718**	**1,623**	**1,593**	**1,845**

thousand acres	1993	1994	1995	1996	1997	1998[R]	1999[R]	2000[R]	2001	2002	93-02 Ave.
Agricultural Region 9											
Spring Wheat	295	205	195	254	180	165	195	230	245	190	215
Durum Wheat	1	2	0	4	0	0	-	1	0	-	1
Winter Wheat	0	0	0	1	1	8	7	8	6	26	6
ALL WHEAT	**296**	**207**	**195**	**259**	**181**	**173**	**202**	**239**	**251**	**216**	**222**
Oats	40	65	75	112	72	118	110	115	130	155	99
Barley	105	90	90	137	100	100	85	100	90	65	96
Rye	1	0	0	0	1	1	2	1	1	0	1
Flax	66	66	58	50	52	59	54	39	35	29	51
Canola	95	160	155	110	140	175	195	150	105	155	144
TOTAL MAJOR CROPS	**603**	**588**	**573**	**668**	**546**	**626**	**647**	**643**	**612**	**621**	**613**
Tame Hay	150	155	155	145	140	145	145	155	165	150	151
Summerfallow	35	50	45	38	40	30	28	19	61	11	36
Pasture	30	30	30	36	36	36	36	57	39	46	38
TOTAL ABOVE	**818**	**823**	**803**	**886**	**762**	**837**	**856**	**874**	**877**	**829**	**836**
Agricultural Region 10											
Spring Wheat	40	40	30	34	35	30	35	30	35	15	32
Durum Wheat	0	0	0	0	0	-	-	-	1	-	0
Winter Wheat	0	0	0	0	0	-	1	0	1	0	0
ALL WHEAT	**40**	**40**	**30**	**35**	**35**	**30**	**36**	**30**	**36**	**15**	**33**
Oats	9	5	10	20	13	13	10	20	20	10	13
Barley	15	10	15	20	20	20	15	25	20	15	18
Rye	0	0	0	1	0	0	0	1	0	0	0
Flax	12	8	8	4	4	6	7	5	2	5	6
Canola	25	25	25	18	35	30	40	25	15	15	25
TOTAL MAJOR CROPS	**101**	**88**	**88**	**98**	**107**	**99**	**108**	**107**	**94**	**60**	**95**
Tame Hay	100	105	105	76	70	75	75	75	90	105	88
Summerfallow	25	15	25	21	15	15	18	12	20	10	18
Pasture	16	16	16	19	19	18	18	11	30	23	19
TOTAL ABOVE	**242**	**224**	**234**	**214**	**211**	**207**	**219**	**205**	**235**	**199**	**219**
Agricultural Region 11											
Spring Wheat	225	145	130	190	145	110	140	180	175	120	156
Durum Wheat	1	2	1	1	0	0	-	-	1	-	1
Winter Wheat	0	0	0	0	0	2	4	2	6	5	2
ALL WHEAT	**226**	**147**	**131**	**191**	**146**	**112**	**144**	**182**	**182**	**125**	**158**
Oats	29	35	45	62	51	60	55	55	85	75	55
Barley	75	65	65	105	75	70	55	75	70	60	71
Rye	0	0	0	2	0	1	-	1	1	-	0
Flax	49	41	34	25	25	28	26	15	17	15	28
Canola	95	105	90	76	100	110	130	105	75	100	99
TOTAL MAJOR CROPS	**473**	**393**	**365**	**461**	**397**	**380**	**409**	**433**	**429**	**375**	**412**
Tame Hay	140	145	145	109	120	125	105	110	125	105	123
Summerfallow	30	40	50	33	30	25	18	14	31	11	28
Pasture	34	34	34	28	28	28	28	28	39	38	32
TOTAL ABOVE	**677**	**612**	**594**	**630**	**575**	**558**	**560**	**586**	**624**	**529**	**595**
Agricultural Region 12											
Spring Wheat	130	80	80	113	110	95	75	125	125	110	104
Durum Wheat	1	1	0	1	0	0	-	0	0	-	0
Winter Wheat	0	0	0	0	1	1	1	1	1	5	1
ALL WHEAT	**131**	**81**	**80**	**114**	**111**	**96**	**76**	**126**	**126**	**115**	**106**
Oats	28	15	10	32	18	9	5	35	30	50	23
Barley	55	20	30	78	60	45	35	60	60	55	50
Rye	0	0	0	0	0	0	0	0	0	1	0
Flax	11	5	10	9	14	10	8	13	13	14	11
Canola	85	70	60	56	80	75	70	80	60	90	73
TOTAL MAJOR CROPS	**310**	**190**	**190**	**288**	**282**	**236**	**194**	**315**	**290**	**324**	**262**
Tame Hay	355	360	370	322	360	365	360	425	420	475	361
Summerfallow	45	45	55	56	60	45	48	41	49	21	46
Pasture	136	136	136	125	125	126	126	122	188	136	136
TOTAL ABOVE	**846**	**731**	**751**	**791**	**827**	**772**	**728**	**903**	**946**	**957**	**825**

thousand acres	1993	1994	1995	1996	1997	1998[R]	1999[R]	2000[R]	2001	2002	93-02 Ave.
Manitoba											
Spring Wheat ...	5,000	3,850	3,860	4,050	3,700	2,955	3,055	3,665	3,700	3,165	3,700
Durum Wheat ...	115	250	150	150	140	200	40	130	50	50	128
Winter Wheat ...	15	5	10	25	40	85	80	110	190	185	75
ALL WHEAT	**5,130**	**4,105**	**4,020**	**4,225**	**3,880**	**3,240**	**3,175**	**3,905**	**3,940**	**3,400**	**3,902**
Oats	600	750	750	1,050	800	1,000	810	950	910	1,150	877
Barley	1,150	1,100	1,200	1,550	1,400	1,300	1,060	1,250	1,170	1,100	1,228
Rye	65	40	70	80	85	120	80	55	45	45	68
Flax	575	690	775	570	660	700	520	435	450	430	581
Canola	1,860	2,550	2,350	1,570	2,370	2,750	2,480	2,350	1,900	2,200	2,238
TOTAL MAJOR CROPS	**9,380**	**9,235**	**9,165**	**9,044**	**9,195**	**9,110**	**8,124**	**8,944**	**8,414**	**8,324**	**8,894**
Tame Hay	1,900	1,950	1,980	1,852	1,900	1,950	2,020	2,070	2,300	2,300	2,022
Summerfallow ...	600	600	750	800	550	450	1,500	375	650	300	657
Pasture	852	852	852	880	890	892	892	896	948	882	884
TOTAL ABOVE	**12,732**	**12,637**	**12,747**	**12,576**	**12,535**	**12,403**	**12,537**	**12,286**	**12,313**	**11,807**	**12,457**

See Manitoba Agricultural Regions map on page 8. Totals may not add due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture and Food; and Manitoba Crop Insurance Corporation.

CHART 25: Manitoba Total Seeded Area of Major Crops by Agricultural Region, 2002


Ag Reg 3: 11.0%
Ag Reg 2: 12.4%
Ag Reg 4: 3.5%
Ag Reg 5: 5.6%
Ag Reg 1: 12.4%
Ag Reg 6: 8.2%
Ag Reg 12: 3.9%
Ag Reg 11: 4.5%
Ag Reg 10: 0.7%
Ag Reg 7: 14.2%
Ag Reg 9: 7.5%
Ag Reg 8: 16.1%

SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 110: Historical Summary of Average Yield (Production/Harvested Area) by Agricultural Region

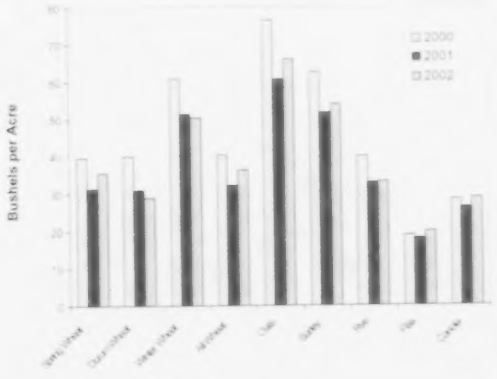
bushels per harvested acre	1993	1994	1995	1996	1997	1998[R]	1999	2000	2001	2002	93-02 Ave.
Agricultural Region 1											
Spring Wheat	26.5	29.2	27.4	33.1	27.0	31.7	20.7	37.8	32.9	30.4	29.7
Durum Wheat	29.4	31.7	30.9	36.1	24.5	32.5	27.6	37.9	29.7	21.1	30.1
Winter Wheat	15.5	21.6	18.0	36.6	35.7	40.4	55.1	55.4	51.4	36.6	36.6
ALL WHEAT	**26.7**	**29.6**	**27.8**	**33.4**	**26.8**	**32.1**	**22.2**	**38.6**	**34.6**	**30.1**	**30.2**
Oats	68.9	54.5	48.3	60.0	50.0	53.8	34.3	67.5	66.2	44.2	54.8
Barley	55.2	53.8	46.7	57.3	53.3	57.1	39.0	60.7	58.3	48.0	53.0
Rye	25.3	34.0	36.9	33.5	24.6	35.3	33.5	42.6	22.2	26.4	31.4
Flax	21.6	18.1	18.9	24.0	23.2	20.6	18.6	19.2	26.9	15.1	20.6
Canola	24.7	20.5	19.2	27.2	24.8	27.7	24.6	28.4	28.0	24.0	24.9
Agricultural Region 2											
Spring Wheat	27.2	34.5	30.1	36.5	29.2	32.2	24.7	37.7	32.1	32.7	31.7
Durum Wheat	34.4	37.3	34.2	38.5	28.9	33.0	34.0	41.5	32.4	37.1	35.1
Winter Wheat	29.3	29.4	23.8	34.4	33.8	38.1	48.5	52.6	48.6	41.8	38.0
ALL WHEAT	**27.5**	**35.0**	**30.3**	**36.6**	**29.2**	**32.4**	**25.6**	**38.6**	**33.4**	**33.6**	**32.2**
Oats	66.2	55.0	46.2	58.9	47.7	54.3	40.0	70.0	64.6	54.1	55.7
Barley	55.3	58.2	49.0	58.6	52.7	54.3	42.9	61.1	53.5	51.8	53.7
Rye	23.6	31.2	28.0	31.6	25.1	35.6	34.5	38.6	40.3	31.6	32.0
Flax	21.6	23.8	19.4	25.2	24.4	18.1	15.2	20.2	19.0	19.3	20.6
Canola	24.6	25.1	20.2	29.4	25.2	25.9	24.9	29.4	25.1	27.6	25.7
Agricultural Region 3											
Spring Wheat	27.0	34.9	28.7	38.3	31.0	35.7	28.9	36.8	32.6	36.8	33.1
Durum Wheat	29.6	42.6	31.9	44.2	34.5	40.9	34.7	43.8	33.9	35.8	37.2
Winter Wheat	-	-	37.6	47.0	38.7	45.1	57.3	58.4	49.5	54.0	48.4
ALL WHEAT	**27.1**	**35.2**	**28.9**	**38.5**	**31.2**	**36.2**	**29.5**	**37.3**	**33.3**	**37.6**	**33.5**
Oats	70.0	61.8	47.5	68.3	48.6	64.0	51.4	74.0	72.0	69.2	62.7
Barley	54.3	58.6	48.1	60.5	54.4	62.7	46.1	60.0	54.2	57.0	55.6
Rye	31.7	57.1	37.5	37.1	31.4	39.7	36.1	40.2	35.4	34.6	38.1
Flax	19.8	23.4	18.4	26.4	23.9	21.4	16.3	19.1	20.7	21.5	21.1
Canola	23.6	24.3	18.9	30.3	26.1	28.1	24.3	28.6	25.6	29.8	26.0
Agricultural Region 4											
Spring Wheat	28.8	31.4	33.3	38.5	35.2	36.3	39.9	40.1	38.7	37.8	36.0
Durum Wheat	32.0	45.0	34.3	45.4	32.7	38.7	39.1	41.0	28.9	-	37.4
Winter Wheat	-	-	43.3	19.2	46.7	41.0	53.5	-	50.9	52.0	43.8
ALL WHEAT	**28.5**	**31.6**	**33.3**	**38.4**	**35.2**	**36.4**	**40.0**	**40.1**	**38.8**	**38.0**	**36.0**
Oats	52.0	50.0	55.0	66.7	55.0	56.0	66.7	70.0	72.0	60.0	60.3
Barley	58.6	51.3	51.0	55.7	57.8	57.8	55.0	60.0	62.2	60.0	56.9
Rye	25.7	75.0	31.6	32.1	31.8	20.8	28.3	48.5	18.9	41.2	35.4
Flax	17.6	25.8	20.1	25.4	27.8	21.7	18.9	20.0	23.3	23.3	22.4
Canola	22.8	21.2	18.2	29.3	29.0	26.7	30.4	30.0	27.7	27.5	26.3
Agricultural Region 5											
Spring Wheat	24.0	29.2	35.7	36.3	35.0	37.8	45.1	45.4	41.7	34.0	36.4
Durum Wheat	24.0	26.7	40.0	45.1	-	43.9	-	49.7	-	23.6	36.1
Winter Wheat	-	-	30.0	15.4	18.4	17.8	59.1	63.2	53.7	40.5	37.3
ALL WHEAT	**23.8**	**28.9**	**35.6**	**36.3**	**34.9**	**37.6**	**45.2**	**45.4**	**41.8**	**34.1**	**36.4**
Oats	46.7	40.0	46.7	46.7	46.7	50.0	60.0	68.0	66.7	45.0	51.6
Barley	40.0	41.7	55.0	51.8	48.0	47.5	68.0	68.6	68.0	45.7	53.4
Rye	28.6	90.7	31.6	26.4	26.1	30.6	29.5	48.5	28.3	27.2	36.8
Flax	13.0	20.0	21.4	18.1	22.3	18.6	22.4	20.0	20.0	15.0	19.1
Canola	17.1	21.9	26.3	26.3	27.3	24.0	30.3	33.2	31.5	26.3	26.4

bushels per harvested acre	1993	1994	1995	1996	1997	1998[R]	1999	2000	2001	2002	93-02 Ave.
Agricultural Region 6											
Spring Wheat	30.6	33.2	32.5	38.2	34.9	34.4	36.9	39.3	34.8	37.6	35.2
Durum Wheat	36.3	40.8	30.0	51.7	35.8	42.5	37.6	34.4	-	-	38.6
Winter Wheat	10.0	63.7	32.9	34.2	39.2	39.0	53.8	57.0	48.8	41.3	42.0
ALL WHEAT	**30.5**	**33.3**	**32.4**	**38.4**	**35.0**	**34.8**	**37.1**	**39.4**	**35.0**	**37.7**	**35.4**
Oats	63.1	68.0	60.0	71.1	63.6	68.6	71.7	77.3	67.3	56.0	66.7
Barley	60.0	60.0	52.3	59.4	58.8	57.6	58.5	65.6	62.4	56.0	59.0
Rye	41.3	36.0	39.3	42.1	35.3	29.6	41.9	37.9	37.3	32.7	37.3
Flax	14.7	18.1	18.7	23.5	26.1	18.0	22.3	15.7	14.5	20.7	19.2
Canola	22.7	23.7	26.1	28.0	30.8	23.1	29.2	29.1	28.4	27.5	26.9
Agricultural Region 7											
Spring Wheat	29.4	38.9	34.0	42.1	35.5	40.5	41.6	40.5	26.5	39.1	36.8
Durum Wheat	25.0	41.5	40.0	42.1	27.7	38.5	60.7	42.4	25.0	-	38.1
Winter Wheat	-	59.3	42.2	60.9	50.0	49.9	63.8	72.1	55.0	59.1	56.9
ALL WHEAT	**29.3**	**39.1**	**34.0**	**42.4**	**35.9**	**41.3**	**42.7**	**41.9**	**28.2**	**40.7**	**37.6**
Oats	67.8	78.6	70.3	78.1	78.4	85.0	75.8	84.7	58.2	77.7	75.5
Barley	50.0	65.2	58.1	66.3	64.5	63.1	59.0	63.6	41.6	60.0	59.1
Rye	26.0	39.3	41.2	39.0	36.7	44.5	41.6	36.5	29.6	40.0	37.4
Flax	17.4	23.7	21.7	26.7	27.8	21.1	24.3	16.6	13.1	22.8	21.5
Canola	20.0	33.3	27.6	32.9	31.7	29.8	33.3	27.0	25.1	32.7	29.3
Agricultural Region 8											
Spring Wheat	26.8	33.8	31.4	39.7	31.5	40.3	41.5	44.5	34.9	38.1	36.3
Durum Wheat	24.4	35.0	31.7	38.4	29.8	35.1	40.4	53.2	40.3	33.0	36.1
Winter Wheat	-	-	44.7	48.3	50.7	55.2	65.6	64.1	55.1	57.1	55.1
ALL WHEAT	**47.8**	**26.6**	**33.9**	**31.5**	**39.7**	**31.7**	**40.6**	**42.1**	45.2	35.6	37.5
Oats	87.0	68.0	71.6	70.9	76.9	80.6	88.4	89.1	85.9	65.2	78.4
Barley	74.7	48.7	61.4	56.3	66.1	59.7	70.0	64.7	74.7	60.7	63.7
Rye	39.8	23.1	118.7	40.5	40.9	42.0	47.1	42.6	43.9	38.5	47.7
Flax	26.9	17.2	23.7	21.6	25.2	23.5	22.7	24.1	21.4	18.5	22.5
Canola	32.6	23.5	31.3	26.2	32.5	29.2	35.4	35.4	32.6	30.0	30.9
Agricultural Region 9											
Spring Wheat	26.9	28.2	33.3	40.2	30.2	35.9	44.9	34.4	18.5	31.0	32.4
Durum Wheat	10.0	20.0	28.1	48.7	-	37.0	-	59.9	18.0	-	31.7
Winter Wheat	10.0	-	-	52.5	48.0	48.4	57.9	57.9	33.2	48.5	44.5
ALL WHEAT	**27.0**	**28.4**	**33.3**	**40.3**	**30.3**	**36.4**	**45.4**	**35.3**	**18.8**	**34.5**	**33.0**
Oats	60.0	68.3	72.3	79.1	78.5	70.0	88.0	79.0	45.8	69.7	71.1
Barley	51.0	53.1	60.6	68.8	54.7	57.5	77.5	54.4	29.4	48.3	55.5
Rye	25.7	-	28.9	-	27.5	45.6	54.4	19.4	30.9	38.8	30.1
Flax	16.4	17.8	21.2	23.9	19.2	20.1	23.5	16.5	8.1	20.3	18.7
Canola	19.5	27.4	27.1	32.3	25.2	31.8	32.6	18.1	14.5	28.3	25.7
Agricultural Region 10											
Spring Wheat	20.6	22.3	28.0	37.7	36.3	35.7	41.1	35.3	22.6	28.5	30.8
Durum Wheat	-	-	-	-	-	-	-	-	26.8	-	26.8
Winter Wheat	-	-	-	14.5	-	-	-	-	8.0	47.7	23.4
ALL WHEAT	**35.6**	**20.6**	**22.3**	**28.0**	**36.9**	**36.3**	**35.7**	**40.5**	**35.1**	**22.5**	**31.3**
Oats	62.5	60.0	40.0	60.0	65.0	60.0	60.0	70.0	40.0	55.0	57.3
Barley	60.0	43.3	50.0	53.3	68.4	60.0	50.0	60.0	36.0	35.0	51.6
Rye	15.9	16.7	-	6.3	20.0	-	24.8	20.4	30.8	33.1	21.0
Flax	25.0	13.8	12.6	13.2	13.9	20.1	18.2	18.0	12.0	5.0	15.2
Canola	20.0	15.0	16.0	22.0	30.0	27.1	30.0	31.3	18.0	16.7	22.6

bushels per harvested acre	1993	1994	1995	1996	1997	1998[R]	1999	2000	2001	2002	93-02 Ave.
Agricultural Region 11											
Spring Wheat	22.4	30.5	34.7	40.8	33.9	38.4	45.3	37.3	22.4	35.9	34.2
Durum Wheat	20.0	20.0	40.0	50.4	52.3	49.8	-	-	18.7	-	38.5
Winter Wheat	-	-	-	-	51.2	58.2	62.7	63.3	56.9	59.1	58.6
ALL WHEAT	**22.5**	**30.7**	**34.7**	**40.9**	**34.1**	**38.2**	**45.8**	**37.6**	**23.4**	**36.8**	**34.5**
Oats	48.0	76.7	68.9	71.7	74.0	74.5	87.3	76.4	58.8	78.7	71.5
Barley	37.7	56.1	58.5	65.8	62.7	58.6	74.5	62.9	40.0	55.0	57.2
Rye	-	-	-	18.8	-	34.8	-	38.8	32.2	-	31.2
Flax	14.5	17.9	20.3	23.9	25.9	17.6	23.5	16.0	13.1	20.7	19.3
Canola	16.1	25.7	26.1	30.7	30.5	29.1	35.4	21.5	22.0	30.5	26.8
Agricultural Region 12											
Spring Wheat	29.4	33.4	31.6	39.0	34.6	38.8	38.7	37.4	25.8	35.1	34.4
Durum Wheat	40.0	20.0	42.2	38.7	-	39.0	-	30.4	22.3	-	33.2
Winter Wheat	-	-	-	49.3	42.2	61.6	59.4	69.5	49.6	54.7	55.2
ALL WHEAT	**29.6**	**33.5**	**31.6**	**39.0**	**34.8**	**40.0**	**38.9**	**37.6**	**25.9**	**35.9**	**34.7**
Oats	60.0	50.0	40.0	60.0	60.0	40.0	40.0	50.0	60.0	62.5	52.3
Barley	54.4	67.5	53.3	65.7	60.0	60.0	60.0	58.2	43.6	44.4	56.7
Rye	4.5	-	57.0	-	28.6	35.0	49.7	38.8	31.2	47.5	36.5
Flax	15.8	19.8	13.2	22.1	26.5	18.8	18.6	15.4	16.2	20.8	18.7
Canola	20.0	22.1	21.7	30.0	29.4	28.0	29.3	23.8	22.5	28.9	25.6
Manitoba											
Spring Wheat	27.2	33.0	31.3	38.2	31.8	36.4	36.4	39.7	31.3	35.6	34.1
Durum Wheat	29.6	35.2	32.0	38.7	27.9	35.0	32.5	40.0	31.0	29.0	33.1
Winter Wheat	16.7	26.0	30.0	48.1	42.5	47.1	59.4	60.9	51.3	50.3	43.2
ALL WHEAT	**27.2**	**33.2**	**31.4**	**38.3**	**31.7**	**36.6**	**36.9**	**40.3**	**32.2**	**36.3**	**34.4**
Oats	64.0	66.2	62.3	71.4	68.1	74.2	75.9	76.6	60.6	66.0	68.5
Barley	51.8	58.1	53.0	62.6	57.3	60.4	55.8	62.6	51.5	54.0	56.7
Rye	26.2	37.5	35.0	34.6	28.8	38.3	37.5	40.0	33.0	33.3	34.4
Flax	17.8	22.0	20.5	25.0	24.2	20.9	21.4	18.8	18.0	19.9	20.9
Canola	22.0	26.2	23.3	30.4	28.1	29.1	30.6	28.4	26.3	28.8	27.3

See Manitoba Agricultural Regions map on page 8.
Yields are field-run estimates; may not calculate due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food, and Manitoba Crop Insurance Corporation.

CHART 26: Manitoba Average Yield of Major Crops, 2000 - 2002



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 111: Historical Summary of Production by Agricultural Region

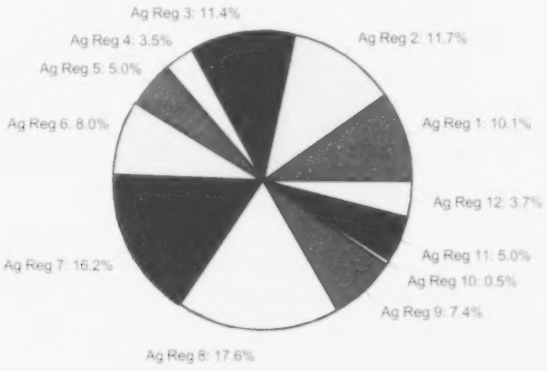
thousand tonnes	1993	1994	1995	1996	1997	1998[R]	1999	2000	2001	2002	93-02 Ave.
Agricultural Region 1											
Spring Wheat	538.0	457.2	429.5	512.7	385.1	336.9	180.2	448.0	416.7	326.9	403.1
Durum Wheat	37.6	87.6	63.1	72.9	47.4	76.5	12.1	80.8	18.8	13.6	51.0
Winter Wheat	5.6	2.4	1.8	3.0	6.5	11.4	17.3	34.0	73.9	15.3	17.1
ALL WHEAT	**581.2**	**547.2**	**494.4**	**588.6**	**438.9**	**424.8**	**209.5**	**562.8**	**509.3**	**355.8**	**471.2**
Oats	47.8	46.3	44.7	74.0	54.0	66.3	18.5	83.3	66.3	64.8	56.6
Barley	138.3	123.0	121.9	174.2	156.8	174.2	84.9	178.5	152.4	130.6	143.5
Rye	14.7	10.8	24.3	21.7	23.0	36.3	17.3	17.3	5.5	7.4	17.8
Flax	24.1	31.5	39.1	33.5	43.2	42.9	20.8	35.5	41.7	26.9	33.9
Canola	120.2	141.7	104.3	98.7	140.6	200.7	114.5	187.1	139.5	141.7	138.9
TOTAL MAJOR CROPS	**926.3**	**900.5**	**828.8**	**990.7**	**856.5**	**945.2**	**465.6**	**1,064.5**	**914.7**	**727.3**	**862.0**
Agricultural Region 2											
Spring Wheat	400.3	399.5	360.1	482.0	341.6	293.7	198.7	410.4	362.5	342.4	359.1
Durum Wheat	18.2	56.9	30.8	37.6	29.1	48.4	11.7	27.2	9.4	22.6	29.2
Winter Wheat	1.1	0.3	0.9	3.1	6.4	9.9	9.1	29.0	46.6	37.9	14.4
ALL WHEAT	**419.7**	**456.7**	**391.8**	**522.8**	**377.1**	**352.0**	**219.5**	**466.6**	**418.5**	**402.9**	**402.7**
Oats	66.3	67.9	46.3	86.4	47.8	58.6	27.8	86.4	64.8	70.9	62.3
Barley	192.7	209.0	165.5	246.0	189.4	206.8	130.6	233.0	198.1	191.6	196.3
Rye	10.2	13.0	11.7	14.9	11.6	19.9	16.3	17.5	14.6	13.4	14.3
Flax	18.0	39.6	39.6	35.6	40.6	35.3	16.5	25.1	29.0	29.5	30.9
Canola	103.2	145.2	94.1	106.6	131.5	158.8	110.0	163.3	122.5	131.5	126.7
TOTAL MAJOR CROPS	**810.1**	**931.3**	**749.0**	**1,012.2**	**798.1**	**831.4**	**520.6**	**991.9**	**847.4**	**839.8**	**833.2**
Agricultural Region 3											
Spring Wheat	400.1	437.4	356.0	505.7	392.4	378.6	271.6	410.1	359.8	355.2	386.7
Durum Wheat	9.3	26.7	13.9	18.5	16.9	39.5	3.0	17.1	3.3	2.2	15.0
Winter Wheat	-	-	0.6	3.3	3.7	6.1	9.8	10.7	20.7	28.3	8.3
ALL WHEAT	**409.3**	**464.0**	**370.5**	**527.4**	**413.0**	**424.1**	**284.4**	**437.9**	**383.8**	**385.6**	**410.0**
Oats	43.2	52.4	29.3	63.2	26.2	49.4	27.8	57.1	55.5	69.4	47.3
Barley	206.8	236.2	193.8	243.9	213.4	252.6	180.7	215.6	182.9	167.7	209.3
Rye	4.4	3.9	2.7	5.0	3.5	7.6	5.4	5.5	2.8	3.1	4.4
Flax	16.5	33.3	32.8	40.1	38.6	35.3	18.5	21.3	23.1	30.0	29.0
Canola	125.9	173.5	100.9	123.6	169.0	204.1	146.3	191.6	150.8	165.6	155.1
TOTAL MAJOR CROPS	**806.1**	**963.4**	**730.0**	**1,003.2**	**863.7**	**973.1**	**663.1**	**929.1**	**798.9**	**821.4**	**855.2**
Agricultural Region 4											
Spring Wheat	168.7	149.7	253.9	209.3	172.5	143.2	157.6	152.7	173.9	123.6	170.5
Durum Wheat	2.2	4.9	3.3	1.1	1.4	5.7	1.6	2.0	0.5	-	2.3
Winter Wheat	-	-	0.4	0.1	0.3	0.4	1.2	-	2.5	2.4	0.7
ALL WHEAT	**170.9**	**154.6**	**257.5**	**210.5**	**174.2**	**149.3**	**160.4**	**154.7**	**177.0**	**126.0**	**173.5**
Oats	20.0	15.4	17.0	30.8	17.0	21.6	15.4	21.6	27.8	27.8	21.4
Barley	44.6	44.6	55.5	71.9	56.6	56.6	47.9	52.3	61.0	45.7	53.7
Rye	0.4	0.2	0.4	0.7	0.4	0.3	0.3	0.4	0.7	0.1	0.4
Flax	1.5	7.9	10.9	7.4	9.7	10.4	7.9	2.0	3.6	3.6	6.5
Canola	46.5	60.1	123.6	46.5	69.2	72.6	82.8	68.0	69.2	49.9	68.8
TOTAL MAJOR CROPS	**284.0**	**282.8**	**465.0**	**367.7**	**327.0**	**310.8**	**314.7**	**299.0**	**339.1**	**253.0**	**324.3**
Agricultural Region 5											
Spring Wheat	182.9	198.7	223.2	207.4	199.8	190.5	263.7	314.9	232.4	212.6	222.6
Durum Wheat	1.6	2.2	0.5	1.1	-	0.5	-	1.2	0.5	0.5	0.8
Winter Wheat	-	-	0.4	0.2	0.6	1.2	2.8	1.1	2.6	6.5	1.5
ALL WHEAT	**184.5**	**200.8**	**224.1**	**208.7**	**200.3**	**192.3**	**266.5**	**317.2**	**235.6**	**219.6**	**225.0**
Oats	10.8	12.3	10.8	10.8	10.8	7.7	18.5	26.2	15.4	13.9	13.7
Barley	26.1	27.2	47.9	67.5	52.3	41.4	37.0	52.3	37.0	34.8	42.3
Rye	1.7	0.5	1.5	0.8	1.1	3.5	1.4	0.9	0.3	0.2	1.2
Flax	3.0	5.3	8.6	4.6	5.3	5.1	3.3	0.5	1.5	0.8	3.8
Canola	32.9	66.9	71.4	47.6	93.0	108.9	133.8	139.5	93.0	89.6	87.7
TOTAL MAJOR CROPS	**259.0**	**313.1**	**364.3**	**340.0**	**362.8**	**358.8**	**460.5**	**536.6**	**382.8**	**358.8**	**373.7**

thousand tonnes	1993	1994	1995	1996	1997	1998[R]	1999	2000	2001	2002	93-02 Ave.
Agricultural Region 6											
Spring Wheat	278.7	234.9	234.1	301.5	252.0	210.9	240.9	283.6	255.8	276.5	256.9
Durum Wheat	7.9	13.9	6.5	6.0	7.6	12.2	5.7	2.2	3.3	-	6.5
Winter Wheat	0.1	0.3	0.2	1.0	1.1	1.4	4.4	2.9	4.7	8.5	2.5
ALL WHEAT	**286.7**	**249.0**	**240.8**	**308.6**	**260.7**	**224.6**	**251.0**	**288.6**	**263.8**	**285.0**	**265.9**
Oats	63.2	78.7	60.1	98.7	54.0	74.0	66.3	89.4	57.1	64.8	70.6
Barley	78.4	78.4	74.0	124.1	102.3	106.7	82.7	128.5	115.4	91.4	98.2
Rye	3.7	1.0	1.3	2.2	2.9	4.7	2.2	1.5	1.6	1.8	2.3
Flax	13.7	20.3	20.6	16.8	21.8	16.5	11.9	13.0	11.7	9.9	15.6
Canola	77.1	115.7	97.5	79.4	129.3	110.0	125.9	115.7	99.8	124.7	107.5
TOTAL MAJOR CROPS	**522.8**	**543.1**	**494.4**	**629.7**	**571.0**	**536.5**	**540.0**	**636.6**	**549.3**	**577.7**	**560.1**
Agricultural Region 7											
Spring Wheat	531.2	550.8	452.9	595.5	386.2	330.4	390.3	573.2	375.2	441.2	462.7
Durum Wheat	2.7	7.3	1.6	3.3	0.5	0.8	0.3	2.6	2.4	-	2.2
Winter Wheat	-	0.5	3.2	16.7	17.5	41.2	33.0	47.0	49.4	61.0	27.0
ALL WHEAT	**534.0**	**558.7**	**457.7**	**615.5**	**404.3**	**372.4**	**423.6**	**622.8**	**427.0**	**502.1**	**491.8**
Oats	120.3	175.8	168.1	259.1	151.1	183.5	140.3	248.3	148.1	257.5	185.2
Barley	163.3	163.3	164.4	289.6	217.7	178.5	128.5	193.8	113.2	143.7	175.6
Rye	4.3	5.1	7.6	10.8	10.6	21.0	15.5	5.1	4.8	4.8	9.0
Flax	61.2	89.2	82.6	73.2	69.1	49.5	45.0	30.0	26.9	34.8	56.1
Canola	133.8	272.2	213.2	182.6	208.7	220.0	230.2	183.7	133.8	222.3	200.0
TOTAL MAJOR CROPS	**1,016.9**	**1,264.2**	**1,093.6**	**1,430.7**	**1,061.5**	**1,025.0**	**983.1**	**1,283.7**	**853.8**	**1,165.3**	**1,117.8**
Agricultural Region 8											
Spring Wheat	604.5	653.7	569.1	729.4	648.3	630.7	761.7	804.6	621.6	581.3	660.5
Durum Wheat	12.0	38.1	10.3	10.3	2.7	6.0	1.1	6.8	2.4	0.5	9.0
Winter Wheat	-	-	0.7	3.6	7.4	23.4	32.6	39.5	35.7	42.7	18.6
ALL WHEAT	**616.4**	**691.8**	**580.1**	**743.3**	**658.4**	**660.1**	**795.3**	**850.9**	**659.7**	**624.6**	**688.1**
Oats	52.4	104.9	120.3	189.7	211.3	374.8	316.2	178.9	115.7	158.8	182.3
Barley	158.9	240.6	251.5	398.4	376.7	350.5	239.5	276.5	191.6	182.9	266.7
Rye	3.4	3.6	3.3	9.0	8.7	22.0	15.3	5.5	5.7	5.7	8.2
Flax	57.0	103.1	115.3	94.7	125.2	116.3	95.8	50.0	44.7	47.5	85.0
Canola	152.0	308.4	231.3	203.0	334.5	466.1	441.1	281.2	207.5	248.3	287.4
TOTAL MAJOR CROPS	**1,040.1**	**1,452.5**	**1,301.8**	**1,638.2**	**1,714.8**	**1,989.7**	**1,903.2**	**1,643.1**	**1,224.9**	**1,267.9**	**1,517.6**
Agricultural Region 9											
Spring Wheat	197.9	157.6	176.6	278.7	147.8	161.1	238.4	210.9	123.6	168.5	186.1
Durum Wheat	0.3	0.8	-	4.9	-	0.3	-	1.2	0.1	-	0.8
Winter Wheat	-	-	-	1.2	1.7	10.1	11.4	12.9	4.9	34.7	7.7
ALL WHEAT	**198.2**	**158.4**	**176.6**	**284.8**	**149.5**	**171.5**	**249.8**	**225.1**	**128.6**	**203.2**	**194.6**
Oats	32.4	63.2	72.5	134.2	78.7	118.8	135.7	128.0	84.8	155.8	100.4
Barley	111.0	92.5	118.7	204.6	113.1	100.1	134.9	106.6	54.3	63.0	109.9
Rye	0.4	-	0.2	-	0.4	0.6	2.1	0.3	0.6	0.5	0.5
Flax	26.2	28.5	31.0	30.5	25.1	29.5	30.7	15.5	6.4	15.0	23.8
Canola	42.0	96.4	95.3	80.5	77.1	122.5	144.0	55.6	32.9	96.4	84.3
TOTAL MAJOR CROPS	**410.1**	**439.0**	**494.2**	**734.5**	**443.9**	**542.8**	**697.3**	**531.0**	**307.6**	**533.8**	**513.4**
Agricultural Region 10											
Spring Wheat	19.6	21.2	19.1	35.9	34.6	29.1	39.2	28.8	21.5	12.2	26.1
Durum Wheat	-	-	-	-	-	-	-	-	0.5	-	0.1
Winter Wheat	-	-	-	0.1	-	-	0.3	0.4	0.1	0.4	0.1
ALL WHEAT	**19.6**	**21.2**	**19.1**	**36.1**	**34.6**	**29.1**	**39.4**	**29.2**	**22.2**	**12.6**	**26.3**
Oats	4.6	3.1	4.6	20.0	13.9	9.3	10.8	9.3	17.0	4.6	9.7
Barley	14.2	10.9	17.4	30.5	26.1	21.8	19.6	19.6	15.2	8.7	18.4
Rye	0.1	-	-	0.3	-	-	0.2	1.0	0.3	0.2	0.2
Flax	3.3	2.5	2.5	1.5	2.0	2.8	3.0	1.5	0.3	2.0	2.2
Canola	6.8	9.1	12.5	10.2	21.5	20.4	28.3	10.2	5.7	7.9	13.3
TOTAL MAJOR CROPS	**48.6**	**46.8**	**56.2**	**98.6**	**98.1**	**83.4**	**101.4**	**70.8**	**60.7**	**36.1**	**70.1**

thousand tonnes	1993	1994	1995	1996	1997	1998[R]	1999	2000	2001	2002	93-02 Ave.
Agricultural Region 11											
Spring Wheat	115.9	120.3	122.7	210.9	133.9	111.8	172.5	177.7	106.7	117.3	139.3
Durum Wheat	0.3	0.8	0.5	1.6	0.5	0.3	-	-	0.5	-	0.5
Winter Wheat	-	-	-	-	0.4	2.7	6.1	3.3	8.5	8.0	2.9
ALL WHEAT	**116.2**	**121.1**	**123.3**	**212.6**	**134.8**	**117.8**	**178.7**	**181.0**	**115.8**	**125.3**	**142.7**
Oats	18.5	35.5	47.8	66.3	57.1	63.2	74.0	64.8	72.5	91.0	59.1
Barley	53.3	72.9	82.7	150.2	102.3	89.3	89.3	95.8	61.0	71.9	86.9
Rye	-	-	-	0.7	-	0.5	-	0.7	0.6	-	0.2
Flax	15.5	17.5	17.5	15.5	16.5	12.2	14.7	6.1	5.3	7.9	12.9
Canola	32.9	61.2	53.3	52.2	69.2	72.6	104.3	48.8	37.4	65.8	59.8
TOTAL MAJOR CROPS	**236.4**	**308.3**	**324.7**	**497.4**	**379.9**	**355.6**	**461.0**	**397.1**	**292.6**	**361.8**	**361.5**
Agricultural Region 12											
Spring Wheat	100.2	72.7	68.9	116.8	103.7	100.4	78.9	127.4	87.6	105.1	96.2
Durum Wheat	0.5	0.3	-	0.8	-	0.3	-	0.3	0.3	-	0.2
Winter Wheat	-	-	-	0.3	0.7	1.2	1.3	1.6	1.3	7.3	1.4
ALL WHEAT	**100.7**	**72.9**	**68.9**	**117.9**	**104.4**	**101.9**	**80.3**	**129.2**	**89.2**	**112.4**	**97.8**
Oats	13.9	7.7	3.1	23.1	13.9	3.1	3.1	23.1	23.1	38.6	15.3
Barley	53.3	29.4	34.8	111.0	78.4	52.3	39.2	69.7	52.3	43.5	56.4
Rye	-	-	0.3	-	0.1	0.3	0.3	0.2	0.3	0.8	0.2
Flax	3.8	2.3	3.3	4.8	9.1	4.8	3.6	5.1	5.3	6.9	4.9
Canola	34.0	35.2	29.5	37.4	53.3	47.6	46.5	43.1	30.6	62.4	42.0
TOTAL MAJOR CROPS	**205.8**	**147.5**	**139.8**	**294.3**	**259.2**	**209.9**	**172.9**	**270.4**	**200.8**	**264.5**	**216.5**
Manitoba											
Spring Wheat	3,538.0	3,453.6	3,265.8	4,185.7	3,197.8	2,920.3	2,993.6	3,942.2	3,137.2	3,062.6	3,369.7
Durum Wheat	92.5	239.5	130.6	157.9	106.1	190.5	35.4	141.5	42.2	39.5	117.6
Winter Wheat	6.8	3.5	8.2	32.7	46.3	108.9	129.3	182.3	251.1	253.1	102.2
ALL WHEAT	**3,637.3**	**3,696.6**	**3,404.7**	**4,376.6**	**3,350.2**	**3,219.7**	**3,158.3**	**4,266.0**	**3,430.6**	**3,355.2**	**3,589.5**
Oats	493.5	663.2	624.6	1,056.4	735.6	1,030.2	854.4	1,016.3	748.0	1,017.9	824.0
Barley	1,241.0	1,328.1	1,328.1	2,111.9	1,685.2	1,630.8	1,214.9	1,622.0	1,234.5	1,175.7	1,457.2
Rye	43.2	38.1	53.3	66.0	62.2	116.8	76.2	55.9	37.7	38.1	58.8
Flax	243.9	381.0	403.9	358.2	406.4	360.7	271.8	205.7	199.4	214.6	304.6
Canola	907.2	1,485.5	1,227.0	1,068.2	1,496.9	1,803.0	1,707.8	1,487.8	1,122.6	1,406.1	1,371.2
TOTAL MAJOR CROPS	**6,566.1**	**7,592.5**	**7,041.7**	**9,037.3**	**7,736.6**	**8,161.2**	**7,283.4**	**8,653.7**	**6,772.8**	**7,207.6**	**7,605.3**

See Manitoba Agricultural Regions map on page 8.
Totals may not add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture and Food, and Manitoba Crop Insurance Corporation.

CHART 27: Manitoba Production of Major Crops by Agricultural Region, 2002


Ag Reg 3: 11.4%
Ag Reg 4: 3.5%
Ag Reg 2: 11.7%
Ag Reg 5: 5.0%
Ag Reg 6: 8.0%
Ag Reg 1: 10.1%
Ag Reg 12: 3.7%
Ag Reg 11: 5.0%
Ag Reg 7: 16.2%
Ag Reg 10: 0.5%
Ag Reg 9: 7.4%
Ag Reg 8: 17.6%

SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 112: Historical Operating Costs of Crop Production

(normal costs, excluding any abnormal pre-harvest spraying, eg. 1995 canola)

$ per acre	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84
All Wheat	36.56	42.51	44.43	43.61	53.84	69.80	81.71	68.97	82.20	85.90
Oats*	32.32	38.74	41.87	42.74	46.95	62.93	75.78	63.96	76.23	79.67
Barley	37.03	45.39	49.08	49.46	59.09	74.83	88.36	66.46	80.26	82.70
Rye*	20.14	25.21	28.25	29.46	33.64	44.89	54.41	45.93	58.34	63.30
Flax	41.95	47.60	49.46	50.47	58.39	74.77	83.99	56.25	68.71	72.30
Canola	31.18	39.24	42.56	43.20	52.45	69.86	80.29	66.92	78.86	79.65
Mixed Grain*	35.30	42.21	45.13	45.27	53.29	69.19	81.95	66.46	79.56	82.76
Grain Corn	46.77	72.24	78.38	84.28	95.27	118.77	113.76	112.90	161.50	163.50
Buckwheat	39.25	33.93	42.02	43.29	49.69	64.67	85.26	64.13	97.66	93.50
Canaryseed*	36.56	42.51	44.43	43.61	53.84	69.80	81.71	68.97	82.20	85.90
Dry Peas	74.49	70.77	68.32	62.01	64.72	74.51	85.87	72.48	90.90	89.10
Fababeans	74.49	70.77	68.32	62.01	64.72	74.51	85.87	69.55	99.57	89.10
Lentils	40.77	47.41	49.55	48.63	60.04	77.84	91.12	76.92	91.67	93.25
Mustardseed*	30.25	37.35	40.87	40.32	48.73	63.56	72.42	60.36	71.13	71.84
Soybeans									103.28	104.31
Sunflowerseed	35.40	43.25	46.42	46.59	55.34	71.19	103.88	86.58	90.25	92.60
Beans*	45.21	52.57	54.94	53.93	66.58	86.32	101.04	85.29	101.65	107.60

$ per acre	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94
All Wheat	83.85	82.50	87.86	79.50	82.70	88.79	88.44	89.19	84.85	87.40
Oats*	77.76	72.35	77.05	69.71	72.52	77.86	77.55	78.21	74.41	76.64
Barley	79.40	78.67	83.60	75.75	79.40	84.01	82.69	84.31	81.72	83.70
Rye*	60.40	59.79	65.70	57.50	60.77	63.40	64.74	68.10	66.60	66.76
Flax	71.90	71.59	80.93	66.60	70.12	77.63	79.50	82.79	77.60	78.12
Canola	83.10	110.44	112.05	100.50	103.09	108.99	112.31	124.70	122.22	122.49
Mixed Grain*	80.34	77.84	82.84	74.99	78.21	83.55	82.89	83.90	80.33	82.58
Grain Corn	168.60	162.48	167.86	156.67	142.31	154.45	152.96	152.48	147.47	148.37
Tame Hay*					60.77	63.40	64.74	68.10	66.60	66.76
Fodder Corn*					112.51	121.62	120.70	120.84	116.16	117.89
Buckwheat	84.55	85.76	91.05	82.30	85.64	94.75	89.51	103.10	93.19	96.29
Canaryseed*	83.85	82.50	87.86	79.50	82.70	88.79	88.44	89.19	84.85	87.40
Dry Peas	88.30	93.36	96.05	87.95	94.82	106.73	112.78	111.72	103.64	102.01
Fababeans	88.30	93.36	96.05	87.95	94.82	106.73	112.78	111.72	103.64	102.01
Lentils	89.20	94.54	97.21	92.01	91.11	98.17	101.86	114.71	108.57	107.21
Mustardseed*	74.95	79.77	81.22	70.81	92.99	98.31	101.30	112.48	110.24	110.48
Soybeans*	108.83	93.00	94.36	84.63	86.81	91.78	94.57	105.01	102.92	103.15
Sunflowerseed	90.50	94.59	100.38	87.95	93.16	98.28	107.21	101.97	100.07	101.45
Tnticale*					74.29	78.73	78.62	80.53	77.72	79.29
Beans*	106.60	133.11	138.75	164.90	121.42	130.75	135.66	152.78	144.60	142.79

$ per acre	1994/95	1995/96	1996/97	1997/98	1998/99	99/2000	2000/01	2001/02	2002/03	2003/04
All Wheat	88.96	96.68	105.04	105.06	105.38	105.82	102.67	117.31	111.56	121.91
Oats*	78.01	76.18	82.14	84.37	82.43	84.02	80.68	87.24	83.95	98.45
Barley	84.28	92.23	98.77	102.48	101.55	99.48	96.46	100.07	96.57	111.99
Rye*	67.95	73.85	80.23	80.25	80.49	80.83	78.42	89.61	85.21	93.12
Flax	80.76	86.41	88.52	101.19	99.38	99.11	98.28	102.51	95.21	106.49
Canola	125.10	143.16	155.06	164.24	161.60	154.49	151.84	152.23	142.69	159.32
Mixed Grain	83.75	88.36	95.32	97.30	96.45	96.02	93.15	103.05	97.36	110.78
Grain Corn	160.31	171.62	185.85	182.34	184.04	182.16	177.74	189.34	185.49	201.03
Tame Hay*	67.95	73.85	80.23	80.25	80.49	80.83	78.42	89.61	85.21	93.12
Fodder Corn*	124.64	134.15	145.45	143.70	144.71	143.99	140.21	153.33	148.53	161.49
Buckwheat	102.49	106.67	109.31	104.92	104.92	104.21	103.30	110.01	98.83	104.30
Canaryseed*	88.96	96.68	105.04	105.06	105.38	105.82	102.67	117.31	111.56	121.91
Dry Peas	104.73	105.97	122.79	139.86	151.66	128.60	111.75	108.58	107.86	123.80
Fababeans	104.73	105.97	122.79	139.86	151.66	128.60	111.75	108.58	107.86	123.80
Lentils	108.58	127.18	124.46	107.22	118.55	105.14	132.18	133.39	151.74	158.54
Mustardseed*	112.84	129.13	139.86	148.14	145.76	139.35	133.62	133.39	125.57	140.20
Soybeans*	105.34	120.55	130.57	138.30	136.08	130.09	127.86	128.19	126.49	141.27
Sunflowerseed	105.23	111.21	115.94	117.96	127.51	151.79	141.13	159.90	166.05	188.79
Tnticale*	80.40	87.59	94.68	95.93	95.81	95.38	92.52	102.33	97.78	109.01
Beans*	144.61	169.39	165.76	222.55	246.06	218.23	207.38	207.59	230.41	237.60

* For some years, costs may have been estimated by proxy.

SOURCE: Manitoba Agriculture and Food.

TABLE 113: Historical Total Costs of Crop Production
(including labour)

$ per acre	1974/75	1975/76	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84
All Wheat	70.70	83.20	92.99	96.44	108.99	139.85	167.91	153.32	171.35	166.60
Oats*	67.06	80.34	91.49	96.66	103.37	134.29	163.70	149.48	167.05	162.42
Barley	71.50	86.48	98.36	103.12	115.19	145.89	175.86	150.81	169.41	163.40
Rye*	54.55	66.06	77.12	82.44	89.04	115.20	140.77	128.54	147.49	144.00
Flax	75.61	87.67	97.28	102.64	112.79	114.07	168.62	140.60	157.86	153.00
Canola	65.15	79.56	90.68	95.86	107.25	139.46	166.15	151.27	168.01	160.35
Mixed Grain*	69.75	83.34	94.28	98.74	109.18	140.01	169.16	151.20	169.27	164.14
Grain Corn	85.66	119.25	134.12	144.30	158.28	197.67	230.00	210.01	264.50	262.90
Buckwheat	72.52	73.50	89.26	94.67	103.20	133.02	169.52	148.48	189.26	174.20
Canaryseed*	70.70	83.20	92.99	96.44	108.99	139.85	167.91	153.32	171.35	166.60
Dry Peas	107.76	110.34	115.56	113.39	118.23	142.86	170.13	155.35	182.50	169.80
Fababeans*	107.76	110.34	115.56	113.39	118.23	142.86	170.13	153.90	191.17	169.80
Lentils	114.93	117.68	123.25	120.94	126.10	152.37	181.45	165.69	185.17	175.75
Mustardseed*	63.52	76.92	88.11	91.70	102.24	131.91	156.68	141.27	158.01	150.35
Soybeans*									196.77	188.63
Sunflowerseed	72.74	87.47	98.87	103.63	114.84	146.02	195.21	177.73	187.55	178.55
Beans*	118.60	121.43	127.18	124.79	130.12	157.22	187.24	170.97	200.85	202.30

$ per acre	1984/85	1985/86	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94
All Wheat	164.25	161.50	163.91	148.95	148.19	164.18	162.63	157.56	147.28	151.63
Oats*	160.13	150.02	152.26	138.37	137.66	152.51	151.07	146.36	136.82	140.86
Barley	159.80	157.67	159.65	145.20	144.89	159.40	156.88	152.68	144.15	147.93
Rye*	140.80	138.79	141.75	126.95	126.26	138.79	138.93	136.47	129.03	130.99
Flax	152.30	150.59	156.98	136.05	135.61	153.02	153.69	151.16	140.03	142.35
Canola	163.50	167.44	166.10	147.95	168.58	184.38	186.50	193.07	184.65	186.72
Mixed Grain*	161.39	156.40	158.61	144.17	143.58	158.70	156.86	152.20	142.75	146.81
Grain Corn	270.75	262.98	263.56	241.37	229.49	255.23	253.74	247.04	234.05	236.75
Tame Hay*					126.26	138.79	138.93	136.47	129.03	130.99
Fodder Corn*					188.84	209.71	208.19	202.30	190.67	194.19
Buckwheat	164.95	164.76	167.90	151.75	151.13	170.14	163.70	171.47	155.62	160.52
Canaryseed*	164.25	161.50	163.91	148.95	148.19	164.18	162.63	157.56	147.28	151.63
Dry Peas	173.60	177.36	176.90	163.30	174.65	199.32	205.37	198.50	182.89	183.06
Fababeans*	173.60	177.36	176.90	163.30	174.65	199.32	205.37	198.50	182.89	183.06
Lentils	174.50	178.54	178.06	165.36	157.50	174.56	177.05	184.03	171.90	172.34
Mustardseed*	153.50	167.44	166.10	147.95	168.58	184.38	186.50	193.07	184.65	186.72
Soybeans*	192.84	175.54	173.81	157.19	155.24	170.55	172.09	176.44	168.15	170.26
Sunflowerseed	176.60	179.59	181.83	160.20	160.45	175.60	183.40	172.24	164.30	167.48
Triticale*					139.78	154.12	152.81	148.90	140.15	143.52
Beans*	201.60	226.11	228.00	244.95	203.95	228.34	231.60	240.73	224.86	225.44

$ per acre	1994/95	1995/96	1996/97	1997/98	1998/99	99/2000	2000/01	2001/02	2002/03	2003/04
All Wheat	154.11	157.37	168.06	161.20	164.82	172.64	168.74	187.13	175.70	192.55
Oats*	143.16	136.87	145.16	140.51	141.87	150.85	146.75	157.06	148.09	169.09
Barley	149.43	152.92	161.79	158.62	160.99	166.30	162.53	169.89	160.71	182.63
Rye*	133.13	135.95	147.70	147.73	148.18	148.80	144.37	164.96	156.87	171.43
Flax	145.91	147.10	151.54	157.33	158.82	165.93	164.35	172.33	159.35	177.13
Canola	190.25	203.85	218.08	220.38	221.04	221.31	217.91	222.05	206.83	229.96
Mixed Grain*	148.90	149.05	158.34	153.44	155.89	160.47	159.34	171.36	161.50	181.42
Grain Corn	249.59	248.65	269.10	255.32	260.42	268.80	263.63	278.98	267.77	299.31
Tame Hay*	133.13	135.95	147.70	147.73	148.18	148.80	144.37	164.96	156.87	171.43
Fodder Corn*	201.85	203.01	218.58	208.26	212.62	220.72	216.19	233.06	221.74	245.93
Buckwheat	167.64	167.36	172.33	161.06	164.36	170.03	169.37	179.83	162.97	174.94
Canaryseed*	154.11	157.37	168.06	161.20	164.82	172.64	168.74	187.13	175.70	192.55
Dry Peas	170.78	167.46	186.61	196.70	211.80	195.42	177.82	178.40	172.00	196.44
Fababeans*	170.78	167.46	186.61	196.70	211.80	195.42	177.82	178.40	172.00	196.44
Lentils	174.63	188.67	188.28	164.06	178.69	171.96	198.25	203.21	215.88	231.18
Mustardseed*	190.25	203.85	218.08	220.38	221.04	221.31	199.69	203.78	189.71	210.84
Soybeans*	173.41	183.96	196.47	196.96	198.18	199.91	196.89	201.14	192.33	214.01
Sunflowerseed	172.18	173.50	180.56	175.50	188.35	218.61	207.20	229.72	230.19	261.43
Triticale*	145.56	148.75	159.18	155.85	158.00	162.58	158.55	173.99	164.43	182.20
Beans*	228.43	246.80	246.29	285.63	311.10	299.38	288.53	291.74	305.67	293.59

* For some years, costs may have been estimated by proxy.
SOURCE: Manitoba Agriculture and Food.

LIVESTOCK

TABLE 114: Historical Production Value Summary of Livestock

Year	Cattle	Hogs	Lambs & Wool	Dairy	Poultry	Other Livestock*	TOTAL
	thousand dollars						
1960	50,142	17,820	614	30,959	22,031		121,566
1961	51,816	25,662	701	30,952	23,393		132,524
1962	53,048	19,614	609	30,962	21,907		126,140
1963	56,518	23,688	628	30,730	23,860		135,424
1964	54,120	25,740	629	29,986	23,856		134,331
1965	54,929	29,760	552	30,425	26,843		142,509
1966	66,341	38,324	500	29,999	30,179		165,343
1967	66,220	37,048	455	32,699	25,975		162,397
1968	64,944	35,010	400	33,775	28,522		162,651
1969	85,188	56,862	290	32,797	33,385		208,522
1970	92,303	63,826	183	32,063	33,294		221,669
1971	98,978	46,892	391	32,119	27,277		205,657
1972	112,880	71,940	470	35,980	31,879		253,149
1973	155,880	106,190	604	41,731	50,535		354,940
1974	147,840	79,402	621	57,592	53,327		338,782
1975	122,208	89,610	546	66,796	46,226		325,386
1976	133,004	87,591	406	61,829	58,455		341,285
1977	129,168	85,002	423	63,711	58,723		337,027
1978	180,780	110,000	620	67,705	61,437		420,542
1979	258,060	131,075	712	73,176	73,186		536,209
1980	248,880	118,064	886	85,606	80,171		533,607
1981	191,265	138,208	782	96,938	95,548		522,741
1982	188,692	170,408	937	106,036	95,419		561,492
1983	203,148	166,750	931	108,734	95,284		574,847
1984	240,500	191,261	960	116,172	103,904		652,797
1985	261,151	196,846	1,539	113,305	103,443		676,284
1986	296,215	254,533	1,947	117,410	103,633		773,738
1987	243,200	278,000	1,937	121,317	104,215		748,669
1988	290,700	225,000	1,803	129,165	113,075		759,743
1989	241,000	209,000	1,405	131,825	121,757	2,000	706,987
1990	318,500	251,000	1,179	128,459	125,932	3,350	828,420
1991	314,400	249,000	1,168	127,850	117,025	8,000	817,443
1992	318,500	235,000	1,259	123,801	114,028	12,200	804,788
1993	338,500	296,000	1,549	123,787	117,099	16,500	893,435
1994	366,600	302,000	2,051	135,583	121,428	19,500	947,162
1995	335,000	353,000	1,973	136,639	126,994	23,800	977,406
1996	333,000	466,000	2,572	138,923	136,325	27,900	1,104,720
1997	330,000	513,000	3,200	144,958	136,249	31,000	1,158,407
1998	407,000	422,000	2,863	149,910	143,142	31,200	1,156,115
1999[R]	444,000	495,000	3,029	155,425	144,240	37,100	1,278,790
2000[R]	489,000	715,000	4,726	156,196	161,350	34,800	1,561,100
2001[R]	566,000	860,000	5,228	159,275	172,340	27,500	1,790,340
2002	510,000	760,000	5,487	164,182	178,700	33,400	1,651,770

* Estimated value of other livestock commencing in 1989.

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Ayerst Organics; Manitoba Agriculture and Food

TABLE 115: Historical Production and Value of Cattle

Year	Commercial Marketings*	Local Slaughterings	Inventory Change	TOTAL	Value** per Animal	TOTAL VALUE
	thousand animals				$	($000)
1960	317	22	53	366	137	50,142
1961	371	26	-16	381	136	51,816
1962	253	23	73	349	152	53,048
1963	277	24	66	367	154	56,518
1964	337	24	49	410	132	54,120
1965	447	28	-62	413	133	54,929
1966	421	28	-42	407	163	66,341
1967	409	28	-52	385	172	66,220
1968	398	28	-57	369	176	64,944
1969	261	27	84	372	229	85,188
1970	312	26	45	383	241	92,303
1971	355	26	28	409	242	99,978
1972	347	26	42	415	272	112,880
1973	332	28	73	433	360	155,880
1974	351	26	71	448	330	147,840
1975	460	34	-38	456	268	122,208
1976	447	31	-40	438	258	133,004
1977	500	26	-58	468	276	129,168
1978	461	23	-91	393	460	180,780
1979	413	21	-43	391	660	258,060
1980	393	22	-7	408	610	248,880
1981	321	20	-30	311	615	191,265
1982	387	15	-80	322	586	188,692
1983	342	20	-20	342	594	203,148
1984	383	18	-33	368	653	240,500
1985	411	9	-27	393	664	261,151
1986	434	10	0	444	667	296,215
1987	399	10	-29	380	640	243,200
1988	400	10	-14	396	734	290,700
1989	378	8	-6	380	634	241,000
1990	403	8	7	418	762	318,500
1991	371	6	69	446	705	314,400
1992	442	6	5	453	703	318,500
1993	405	5	-7	403	840	338,500
1994	385	2	83	470	780	366,600
1995	406	2	85	493	680	335,000
1996	443	2	75	520	640	333,000
1997	462	2	-17	447	740	330,000
1998	506	2	-36	472	862	407,000
1999	537	0	-16	521	853	444,000
2000	475	0	45	520	940	489,000
2001	505	0	40	545	1,040	566,000
2002	530	0	5	535	950	510,000

* Inshipments have been subtracted from total commercial marketings.
** Rounded to nearest dollar.
SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Agriculture and Food.

TABLE 116: Historical Commercial Marketings of Cattle - Manitoba Origin

Year	Under 1 Year		1 Year and Over		TOTAL		
	Animals	Value	Animals	Value	Animals	Value Each	VALUE
	(000)	($000)	(000)	($000)	(000)	$	($000)
1960	87	6,197	230	37,387	317	137	43,584
1961	111	8,721	291	46,143	402	136	54,864
1962	93	7,921	220	39,778	313	152	47,699
1963	90	6,776	257	46,581	347	154	53,357
1964	109	6,016	290	46,649	399	132	52,665
1965	165	11,068	363	59,234	528	133	70,302
1966	156	13,081	352	69,811	508	163	82,892
1967	165	15,135	335	70,886	500	172	86,021
1968	147	13,065	321	69,510	468	176	82,575
1969	94	10,682	298	79,123	392	229	89,805
1970	97	13,738	319	86,454	416	241	100,192
1971	109	15,674	308	85,169	417	242	100,843
1972	108	16,621	324	100,766	432	272	117,387
1973	105	24,044	324	130,370	429	360	154,414
1974	73	11,460	325	119,880	398	330	131,340
1975	91	9,874	421	127,342	512	268	137,216
1976	102	11,901	465	134,385	567	258	146,286
1977	122	15,494	517	160,870	639	276	176,364
1978	76	20,748	447	219,832	523	460	240,580
1979	73	32,131	371	260,909	444	660	293,040
1980	70	25,054	374	245,786	444	610	270,840
1981	47	14,095	320	211,610	367	615	255,705
1982	68	21,796	367	233,114	435	586	254,910
1983	72	35,576	306	188,956	378	594	224,532
1984	42	14,322	369	254,061	411	653	268,383
1985	56	19,712	378	268,464	434	664	288,176
1986	116	49,519	343	256,634	459	667	306,153
1987	127	72,340	293	196,460	420	640	268,800
1988	116	68,900	309	243,000	425	734	311,900
1989	110	60,000	268	179,600	378	634	239,600
1990	66	39,500	337	267,600	403	762	307,100
1991	61	32,600	310	231,700	371	712	264,300
1992	71	36,100	371	274,900	442	704	311,000
1993	78	48,000	327	292,000	405	840	340,000
1994	71	43,000	314	267,000	385	804	310,000
1995	95	48,000	311	241,000	406	712	289,000
1996	55	22,000	388	278,000	443	677	300,000
1997	107	60,000	355	280,000	462	736	340,000
1998	87	52,000	419	382,000	506	856	434,000
1999	146	94,900	391	361,100	537	849	456,000
2000	101	77,000	374	376,000	475	954	453,000
2001	82	63,400	423	468,600	505	1,055	532,000
2002	74	100,000	456	400,000	530	940	500,000

SOURCE: Manitoba Health; Canadian Food Inspection Agency

TABLE 117: Historical Production and Value of Hogs

Year	Commercial Marketings	Local Slaughterings	Inventory Change	TOTAL	Value* per Animal	TOTAL VALUE
	thousand animals				$	($000)
1960	506	76	-87	495	36	17,820
1961	519	66	26	611	42	25,662
1962	467	60	-60	467	42	19,614
1963	437	50	77	564	42	23,688
1964	582	52	26	660	39	25,740
1965	579	49	-8	620	48	29,760
1966	595	47	95	737	52	38,324
1967	766	56	20	842	44	37,048
1968	751	53	-26	778	45	35,010
1969	778	50	225	1,053	54	56,862
1970	1,093	50	215	1,358	47	63,826
1971	1,352	57	-175	1,234	38	46,892
1972	1,238	50	20	1,308	55	71,940
1973	1,277	55	-37	1,295	82	106,190
1974	1,270	53	-250	1,073	74	79,402
1975	886	52	-68	870	103	89,610
1976	835	46	22	903	97	87,591
1977	852	37	25	914	93	85,002
1978	895	40	65	1,000	110	110,000
1979	1,084	36	105	1,225	107	131,075
1980	1,250	30	-24	1,256	94	118,064
1981	1,220	23	-9	1,234	112	138,208
1982	1,229	24	0	1,253	136	170,408
1983	1,358	20	72	1,450	115	166,750
1984	1,583	26	40	1,649	116	191,261
1985	1,777	20	-55	1,742	113	196,846
1986	1,743	21	41	1,805	141	254,533
1987	1,825	15	177	2,017	138	278,000
1988	2,056	16	73	2,145	105	225,000
1989	2,178	18	-125	2,071	101	209,000
1990	1,957	18	53	2,028	124	251,000
1991	2,092	17	97	2,206	113	249,000
1992	2,280	14	9	2,303	102	235,000
1993	2,305	13	51	2,369	125	296,000
1994	2,383	8	171	2,562	118	302,000
1995	2,834	4	149	2,987	118	353,000
1996	3,105	3	56	3,164	147	466,000
1997	3,400	4	111	3,515	146	513,000
1998	3,970	5	85	4,060	104	422,000
1999	4,887	8	145	5,040	98	495,000
2000	5,296	10	234	5,540	129	715,000
2001	6,030	13	307	6,350	135	860,000
2002	6,450	10	190	6,650	114	760,000

* Values rounded to nearest dollar.

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Canadian Food Inspection Agency; Manitoba processing plants.

TABLE 118: Historical Commercial Hog Marketings - Manitoba Origin

Year	Animals	Value* Each	TOTAL VALUE
	(000)	$	($000)
1960			
1961	519	42	21,798
1962	467	42	19,614
1963	437	42	18,354
1964	582	39	22,698
1965	579	48	27,792
1966	595	52	30,940
1967	766	44	33,704
1968	751	45	33,795
1969	778	54	42,012
1970	1,093	47	51,371
1971	1,352	38	51,376
1972	1,238	55	68,090
1973	1,277	82	104,714
1974	1,270	74	93,980
1975	886	103	91,258
1976	835	97	80,995
1977	852	93	79,236
1978	895	110	98,450
1979	1,084	107	115,988
1980	1,250	94	117,500
1981	1,220	112	136,640
1982	1,229	136	167,144
1983	1,358	115	156,170
1984	1,583	116	183,628
1985	1,777	113	200,801
1986	1,743	141	245,763
1987	1,825	138	251,850
1988	2,056	105	215,880
1989	2,178	101	219,980
1990	1,957	124	242,670
1991	2,092	113	236,400
1992	2,280	102	233,000
1993	2,305	125	288,000
1994	2,383	118	281,000
1995	2,834	118	335,000
1996	3,105	147	457,000
1997	3,400	149	505,000
1998	3,970	106	419,000
1999	4,887	99	484,000
2000	5,296	130	690,000
2001	6,030	138	830,000
2002	6,450	115	745,000

* Values rounded to nearest dollar.

SOURCE: Statistics Canada, Agriculture and Agri-Food Canada, Canadian Food Inspection Agency, Manitoba processing plants.

TABLE 119: Historical Production and Value of Lambs and Wool

Year	Manitoba-Origin Lamb Marketings		Shorn Wool Sold or Used on Farms			Total VALUE
	Animals	Value	Kilograms	Pounds	Value	
	(000)	($000)	(000)	(000)	($000)	($000)
1960	37	502	112	247	112	614
1961	42	561	128	283	140	701
1962	36	492	116	256	117	609
1963	34	516	107	236	112	628
1964	33	528	96	211	101	629
1965	28	439	85	188	113	552
1966	24	422	74	163	78	500
1967	23	384	74	163	71	455
1968	16	337	62	137	63	400
1969	10	240	58	128	50	290
1970	6	126	68	149	57	183
1971	17	357	68	150	34	391
1972	19	437	60	132	33	470
1973	18	507	63	138	97	604
1974	18	569	65	142	52	621
1975	15	520	44	98	26	546
1976	11	374	38	84	32	406
1977	10	388	43	95	35	423
1978	11	570	49	108	50	620
1979	13	655	39	85	57	712
1980	17	806	52	116	80	886
1981	18	700	60	133	82	782
1982	22	883	57	125	54	937
1983	20	874	62	136	57	931
1984	21	895	53	117	65	960
1985	20	1,494	47	104	45	1,539
1986	23	1,906	39	85	41	1,947
1987	21	1,883	41	90	54	1,937
1988	21	1,717	45	99	86	1,803
1989	21	1,331	51	112	74	1,405
1990	22	1,165	38	84	14	1,179
1991	25	1,148	46	101	20	1,168
1992	24	1,210	59	131	49	1,259
1993	21	1,500	58	128	49	1,549
1994	23	2,000	48	106	51	2,051
1995	24	1,900	59	130	73	1,973
1996	28	2,500	82	181	72	2,572
1997	32	3,100	83	182	100	3,200
1998	35	2,800	65	142	63	2,863
1999[e]	38	3,000	66	145	29	3,029
2000[e]	48	4,700	63	139	26	4,726
2001[e]	59	5,200	56	123	28	5,228
2002	57	5,400	81	179	87	5,487

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Health; Canadian Wool Growers Cooperative.

TABLE 120: Historical Production and Value of Dairy Products

Year	Milk Production		Factory Products				
	Whole Milk or Equivalent	Total Farm Value	Creamery Butter	Cheddar Cheese	Cereal & Whipping Cream	Variety Cheese	Ice Cream*
	(million litres)	($000)	(tonnes)	(tonnes)	(kilolitres)	(tonnes)	(kilolitres)
1960	468	30,959	11,239	221			9,547
1961	464	30,952	11,466	250			10,342
1962	466	30,962	11,614	286			10,760
1963	458	30,730	11,295	371			12,297
1964	442	29,986	10,688	428			13,333
1965	417	30,425	9,891	519			13,397
1966	382	29,999	9,559	654			13,220
1967	366	32,699	7,743	961			14,365
1968	367	33,775	8,009	909			14,356
1969	363	32,797	7,765	1,467			14,734
1970	351	32,063	7,100	1,919			15,284
1971	339	32,119	6,225	2,642			14,911
1972	355	35,380	5,908	4,324			15,465
1973	352	41,731	5,446	4,424			16,020
1974	333	57,592	4,811	4,246			17,556
1975	321	68,796	4,744	4,627			19,266
1976	281	61,829	4,053	4,615			20,448
1977	284	63,711	4,131	4,986			18,672
1978	283	67,705	4,277	5,121			16,774
1979	280	73,176	4,205	6,011			19,568
1980	288	85,606	4,199	6,857			20,941
1981	289	96,938	3,774	6,465			21,593
1982	294	106,036	4,266	4,788			20,660
1983	292	108,734	3,657	6,702			20,996
1984	297	116,172	3,947	6,906			19,277
1985	290	113,305	3,746	6,465			18,556
1986	291	117,410	3,859	5,856			16,962
1987	307	121,317	4,147	6,339			17,072
1988	311	129,165	4,506	6,108			16,210
1989	302	131,825	4,325	6,152			16,335
1990	293	128,459	4,562	5,895			15,799
1991	286	127,850	4,295	5,435			16,615
1992	277	123,801	4,841	5,183			17,281
1993	267	123,787	4,428	5,172			17,923
1994	281	135,563	4,412	8,994			19,394
1995	281	136,439	4,355	7,059	3,542	4,554	17,990
1996	274	138,923	4,625	6,946	5,358	4,860	19,991
1997	281	144,958	NA	7,193	2,848	4,927	NA
1998	286	149,910	NA	7,357	2,525	5,430	NA
1999	288	155,425	NA	7,143	2,930	6,171	NA
2000	294	156,196	NA	8,980	4,226	5,010	NA
2001	290	159,275	NA	7,513	3,307	7,011	NA
2002	286	164,182	NA	5,927	3,796	6,140	NA

* Approximately two parts of ice-cream are made from one part of ice-cream mix.

SOURCE: Statistics Canada, Manitoba Milk Producers

BLE 120: Dairy Products Continued

ear	Milk Production		Factory Products				
	Whole Milk or Equivalent	Total Farm Value	Creamery Butter	Cheddar Cheese	Cereal & Whipping Cream	Variety Cheese	Ice Cream*
	(million lb)	($000)	(000 lb)	(000 lb)	(000 gal)	(000 lb)	(000 gal)
960	1,070	30,959	24,778	487			2,100
961	1,062	30,952	25,278	551			2,275
962	1,066	30,962	25,605	631			2,367
963	1,049	30,730	24,901	817			2,705
964	1,011	29,986	23,563	944			2,933
965	955	30,425	21,806	1,145			2,947
966	875	29,999	18,868	1,441			2,908
967	837	32,699	17,071	2,118			3,160
968	840	33,775	17,656	2,004			3,158
969	831	32,797	17,119	3,235			3,241
970	804	32,063	15,652	4,230			3,362
971	774	32,119	13,723	5,824			3,280
972	813	35,980	13,020	9,532			3,402
973	805	41,731	12,006	9,753			3,524
974	763	57,592	10,165	9,366			3,862
975	735	66,796	10,458	10,201			4,238
976	643	61,829	8,935	10,174			4,498
977	649	63,711	9,107	10,769			4,151
978	647	67,705	9,429	11,290			4,130
979	641	73,176	9,270	13,252			4,304
980	659	85,606	9,257	15,117			4,606
981	661	96,938	8,320	14,253			4,750
982	673	106,036	9,405	10,556			4,545
983	668	108,734	6,503	14,776			4,597
984	680	116,172	8,481	15,225			4,240
985	664	113,305	8,258	14,253			4,082
986	686	117,410	8,507	12,917			3,731
987	703	121,317	9,142	13,975			3,756
988	712	129,166	9,934	13,448			3,566
989	691	131,825	9,535	13,651			3,593
990	670	128,459	10,057	12,996			3,475
991	654	127,850	9,469	11,982			3,654
992	634	123,601	10,672	11,426			3,757
993	611	123,787	9,762	11,402			3,941
994	643	135,583	9,727	15,383			4,129
995	642	136,639	9,681	15,562	779	8,827	4,165
996	627	138,923	10,644	12,888	739	10,715	3,703
997	643	144,958	NA	15,836	826	10,862	NA
998	654	149,910	NA	17,322	622	11,971	NA
999	660	155,425	NA	15,747	822	13,604	NA
000	672	156,196	NA	21,737	930	11,045	NA
001	664	159,275	NA	16,563	727	15,456	NA
002	685	164,182	NA	13,067	835	17,945	NA

Approximately two parts of ice-cream are made from one part of ice-cream mix

OURCE: Statistics Canada, Manitoba Milk Producers

TABLE 121: Historical Production Value Summary of Poultry

Year	Eggs for Consumption	Chicken/Turkey Hatching Eggs	Total Value of Eggs	Number of Broiler Chickens	Number of Turkeys	Total Value of Poultry Meat	TOTAL VALUE
	000 dozen		000 dollars	000 birds		000 dollars	
1960			9,990		915	12,041	22,031
1961			10,079		1,145	13,314	23,393
1962	35,919	1,079	10,467	4,043	1,263	11,440	21,907
1963	36,358	1,202	12,119	4,972	1,237	11,741	23,860
1964	41,537	1,332	11,519	5,984	1,269	12,337	23,856
1965	41,254	1,502	13,429	6,362	1,330	13,414	26,843
1966	39,937	1,695	15,877	6,130	1,318	14,302	30,179
1967	47,215	1,623	14,378	5,844	1,108	11,597	25,975
1968	49,656	1,474	16,624	6,352	941	11,898	28,522
1969	52,052	1,686	19,944	8,138	937	13,441	33,385
1970	58,889	1,795	18,679	8,750	1,270	14,615	33,294
1971	55,968	1,638	14,176	7,175	1,305	13,115	27,291
1972	50,688	1,553	15,931	8,518	1,334	15,948	31,879
1973	52,458	1,371	26,992	9,189	1,325	23,543	50,535
1974	49,303	1,472	28,280	8,662	1,296	25,047	53,327
1975	48,573	1,335	25,774	8,649	960	20,452	46,226
1976	47,897	1,223	30,693	10,829	1,207	27,762	58,455
1977	47,275	1,250	30,232	10,394	1,250	28,491	58,723
1978	48,012	1,626	31,876	11,720	1,157	31,644	63,520
1979	47,389	1,777	34,978	12,662	1,301	38,208	73,186
1980	49,432	2,020	40,069	13,159	1,254	40,102	80,171
1981	49,660	2,202	47,940	13,865	1,181	47,608	95,548
1982	49,746	2,140	46,054	13,584	1,246	49,365	95,419
1983	50,490	2,159	47,375	13,073	1,169	47,909	95,284
1984	50,036	2,263	51,808	14,302	1,184	52,096	103,904
1985	50,354	2,474	51,415	15,306	1,242	52,120	103,535
1986	50,876	2,548	50,840	15,711	1,311	53,162	104,002
1987	52,211	2,641	50,564	16,615	1,277	52,422	102,986
1988	52,672	2,674	55,294	16,237	1,378	58,628	113,922
1989	51,507	2,780	62,207	16,504	1,442	59,550	121,757
1990	49,831	3,694	62,845	17,256	1,590	63,087	125,932
1991	51,288	2,606	60,731	17,391	1,594	57,982	118,713
1992	49,964	2,599	58,490	16,934	1,635	56,582	115,072
1993	49,253	2,589	59,877	17,361	1,583	57,377	117,254
1994	48,320	2,872	60,849	19,122	1,347	57,465	118,314
1995	48,674	3,116	66,998	19,262	1,384	57,584	124,582
1996	49,868	2,937	73,185	20,028	1,396	63,140	136,325
1997	49,968	2,128	70,142	20,571	1,309	66,107	136,249
1998	49,528	2,205	68,503	24,238	1,320	74,639	143,142
1999	51,698	2,480	71,055	24,943	1,304	73,185	144,240
2000	71,435	2,860	86,900	26,331	1,465	74,450	161,350
2001[e]	69,500	2,950	90,300	27,929	1,310	82,040	172,340
2002	71,620	3,290	99,700	27,000	1,330	79,000	178,700

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Chicken Producers; Manitoba Egg Producers; Manitoba Turkey Producers.

ABLE 122: Historical Production Value Summary of Other Livestock

	Bison	Deer & Elk	Emus & Rheas	Goats	Horses	Llamas & Alpacas	Ost-riches	Pheasants	Rabbits	Wild Boars	TOTAL
	million dollars										
1990	0.50			0.40	1.40		0.10	0.80	0.10	0.05	3.35
1991	1.00			0.40	5.40		0.50	0.40	0.10	0.20	8.00
1992	1.50			0.45	6.00		2.30	0.80	0.20	0.95	12.20
1993	2.00		0.40	0.50	8.40	0.08	2.90	1.00	0.22	1.00	16.50
1994	5.00	0.20	0.40	0.43	8.50	0.07	2.40	1.00	0.50	1.00	19.50
1995	7.00	0.20	0.20	0.60	9.50	0.20	3.10	0.20	0.30	2.50	23.80
1996	8.00	0.20	4.00	1.00	8.30	0.50	3.50	0.20	0.20	2.00	27.90
1997	8.50	1.60	2.00	0.90	11.00	0.40	4.50	0.50	0.10	1.50	31.00
1998	9.30	3.50	1.00	1.10	12.00	0.20	2.00	0.50	0.10	1.50	31.20
1999	12.00	2.60	1.00	1.30	16.00	0.50	1.50	0.50	0.20	1.50	37.10
2000	14.00	1.30	0.30	1.20	15.00	0.60	0.50	0.40	0.20	1.20	34.80
2001	6.00	0.90	0.20	1.30	16.00	0.70	0.50	0.30	0.40	1.20	27.50
2002	2.50	1.80	0.30	1.30	23.00	0.70	1.50	0.50	0.40	1.40	33.40

SOURCE: Various, Manitoba Agriculture and Food.

ABLE 123: Historical Manitoba Cattle Prices* by Weight Class

$/cwt live	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
SLAUGHTER CATTLE										
STEERS										
A Grade	90.34	85.83	82.00	78.69	82.70	82.63	86.78	95.28	103.45	96.91
HEIFERS										
A Grade	89.28	84.29	80.67	77.49	81.41	81.94	86.65	95.31	103.45	96.90
COWS										
D1,2	63.89	61.53	53.82	47.22	51.91	53.30	56.40	61.55	66.43	58.65
D3	60.03			36.60	43.31	45.83	48.30	53.26	57.81	53.04
BULLS	80.27	76.74	62.04	51.76	58.64	51.85	65.43	73.20	78.78	74.84
FEEDER CATTLE										
STEERS										
+400 kg (+900 lb)	98.25	95.02	84.55	74.49	89.34	92.73	98.14	110.55	115.88	106.60
350-400 kg (801-900 lb)	104.78	101.84	89.33	75.91	94.38	99.42	104.84	118.87	125.07	113.07
300-350 kg (701-800 lb)	110.25	108.98	94.51	76.91	98.58	104.52	110.97	126.10	132.80	118.54
250-300 kg (601-700 lb)	116.83	116.29	100.22	78.14	102.90	110.26	118.87	135.89	141.60	125.14
STEER CALVES										
200-250 kg (501-600 lb)	125.41	126.32	106.88	79.91	106.41	116.84	126.48	147.74	154.23	133.72
150-200 kg (401-500 lb)	132.91	132.60	111.84	83.14	109.87	122.61	134.85	161.14	165.95	141.33
Under 150 kg (-400 lb)	134.86	137.81	116.83	87.53	113.06	127.16	140.42	178.16	183.43	152.58
HEIFERS										
+350 kg (+800 lb)	99.25	94.68	83.22	71.93	88.24	91.99	98.03	112.64	120.39	107.34
300-350 kg (701-800 lb)	102.89	103.08	89.28	72.49	92.82	99.72	105.50	122.73	129.03	112.75
250-300 kg (601-700 lb)	108.64	110.38	94.20	72.33	94.99	104.10	112.61	131.71	137.60	118.50
200-250 kg (501-600 lb)	117.54	117.75	99.24	72.76	97.63	110.20	119.74	143.69	149.64	126.15
HEIFER CALVES										
150-200 kg (401-500 lb)	123.96	124.78	104.26	73.68	99.57	114.19	126.55	156.28	160.88	133.84
100-150 kg (301-400 lb)	127.38	129.71	108.70	75.24	103.44	119.01	132.13	171.00	175.75	145.91
Under 100 kg (-300 lb)	129.22	130.00	-	-	-	-	-	-	-	-
FEEDER COWS	68.14	66.55	61.71	-	-	54.19	57.21	-	-	-

* Simple averages 1995-2002.

SOURCE: Canfax.

TABLE 124: Historical Livestock Prices by Grade, Winnipeg

Year	LIVE CATTLE						HOGS	SHEEP***
	Slaughter Steers Grade A*	Good Slaughter Cows D1,D2	Total Slaughter +227 kg	Good and Choice Veal	Good Feeder Steers 350-400 kg	Steer Calves 150-200 kg	Index 100 Dressed**	A&B Lambs 36-43 kg
	cents per kilogram							
1960	49.8	34.2	40.4	67.1	46.3	47.9	47.7	34.8
1961	48.5	34.2	40.9	66.9	47.3	52.4	54.8	33.0
1962	56.7	37.9	45.9	73.5	53.8	60.5	56.6	35.6
1963	52.6	37.7	44.5	71.5	51.2	57.0	54.7	37.5
1964	..	34.0	39.7	67.7	46.0	49.0	51.9	38.8
1965	53.5	32.6	40.0	65.7	48.6	51.1	67.6	42.2
1966	57.1	41.6	47.2	75.7	56.3	63.1	73.7	44.1
1967	61.3	44.0	50.0	85.7	58.5	67.0	60.7	41.6
1968	61.0	43.1	51.2	83.6	59.2	68.0	62.0	47.3
1969	66.1	52.8	60.4	92.7	70.6	84.9	78.2	53.2
1970	68.5	51.6	62.5	103.0	72.8	86.9	64.4	59.1
1971	73.1	50.9	63.4	103.8	74.4	92.2	50.4	54.6
1972	78.4	58.3	70.2	117.5	85.5	102.0	75.0	61.3
1973	99.5	77.3	85.8	146.5	103.1	120.9	113.1	80.0
1974	107.5	59.8	81.5	155.0	89.6	92.4	101.7	99.1
1975	96.6	46.9	63.1	97.5	78.0	71.5	137.9	125.2
1976	86.5	50.5	61.0	103.7	79.4	80.8	130.1	88.7
1977	85.7	55.3	65.9	97.8	83.0	84.2	125.2	102.6
1978	127.9	88.0	101.9	163.2	129.3	141.6	149.5	145.8
1979	167.8	125.4	142.5	243.4	177.4	225.6	141.4	154.8
1980	167.7	114.7	135.2	243.7	167.6	195.2	124.9	143.7
1981	168.4	106.0	130.8	238.9	159.9	162.9	148.6	120.1
1982	165.7	102.3	124.3	238.0	158.3	164.6	177.7	122.0
1983	159.8	104.3	119.5	237.3	159.6	176.9	151.0	130.0
1984	171.2	106.9	126.5	241.1	165.3	184.9	154.5	144.0
1985	168.3	107.5	121.0	220.7	165.8	182.7	146.1	172.0
1986	168.9	110.4	122.9	218.2	167.6	210.6	178.8	182.0
1987	182.5	122.1	138.6	256.5	193.7	256.5	172.3	192.0
1988	178.0	122.2	137.1	264.9	196.6	250.1	132.7	155.0
1989	177.0	120.7	135.8	244.4	190.6	246.5	130.0	157.0
1990	181.5	130.2	144.9	..	196.7	256.9	157.0	132.0
1991	171.2	125.8	137.2	..	204.6	258.6	138.0	112.0
1992	179.3	126.0	139.5	..	197.8	250.0	126.3	130.0
1993	199.2	140.9	155.3	..	231.0	293.0	149.8	168.0
1994	189.2	135.6	162.8	..	224.5	292.3	139.0	192.0
1995	180.8	118.7	152.3	..	196.9	246.6	146.0	198.0
1996	173.5	104.1	NA	..	167.4	183.3	183.0	219.0
1997	182.3	114.4	NA	..	208.1	242.2	182.5	240.9
1998	182.2	117.5	NA	..	219.2	270.3	120.6	203.0
1999	191.3	124.3	NA	..	231.1	297.3	125.0	203.0
2000[p]	210.1	135.7	NA	..	262.1	355.2	166.7	247.0
2001[p]	228.1	146.5	NA	..	275.7	365.9	172.4	222.0
2002	213.7	129.3	NA	..	249.3	311.6	140.2	219.0

* Commencing 1973: A1,A2 grade (450+ kg). Commencing 1994: Grade A (568+ kg).
** Commencing July 1, 1996: includes weight premiums and bonuses.
*** Prior to 1973: prices were for Good Lambs.
SOURCE: Canfax, Agriculture and Agri-Food Canada, Manitoba Agriculture and Food.

TABLE 124: Livestock Prices Continued

Year	LIVE CATTLE						HOGS	SHEEP***
	Slaughter Steers Grade A*	Good Slaughter Cows D1,D2	Total Slaughter +500 lb	Good and Choice Veal	Good Feeder Steers 800-900 lb	Steer Calves 400-500 lb	Index 100 Dressed**	A&B Lambs 80-94 lb
	cents per pound							
1960	22.60	15.50	18.32	30.45	21.00	21.74	21.65	15.78
1961	22.00	15.50	18.55	30.35	21.45	23.78	24.85	14.95
1962	25.70	17.20	20.80	33.35	24.40	27.42	25.65	16.15
1963	23.85	17.10	20.20	32.45	23.20	25.85	24.80	17.00
1964	-	15.40	18.00	30.70	20.85	22.21	23.55	17.60
1965	24.25	14.80	18.15	29.80	22.05	23.20	30.65	19.15
1966	25.90	18.85	21.40	34.35	25.55	28.60	33.45	20.00
1967	27.80	19.95	22.70	38.85	26.55	30.40	27.55	18.85
1968	27.65	19.55	23.20	37.90	26.85	30.85	28.10	21.45
1969	30.00	23.95	27.40	42.05	32.00	38.50	35.45	24.15
1970	31.05	23.42	28.35	46.70	33.00	39.42	29.20	26.80
1971	33.15	23.10	28.75	47.10	33.75	41.80	22.85	24.75
1972	35.54	26.45	31.86	53.30	38.80	46.28	34.00	27.80
1973	45.14	35.06	38.91	66.44	46.76	54.85	51.31	36.29
1974	48.76	27.12	36.97	70.30	40.62	41.90	46.12	44.94
1975	43.80	21.27	28.63	44.24	35.37	32.41	62.55	56.77
1976	39.25	22.92	27.67	47.04	36.02	36.66	59.03	40.22
1977	38.89	25.10	29.88	44.37	37.66	38.21	56.78	46.56
1978	58.01	39.93	46.21	74.04	58.67	64.23	67.83	66.14
1979	76.11	56.88	64.62	110.39	80.49	102.34	64.15	70.22
1980	76.06	52.05	61.33	110.56	76.04	88.53	56.67	65.17
1981	76.37	48.10	59.31	108.37	72.55	73.88	67.40	54.48
1982	75.17	46.42	56.38	107.97	71.81	74.65	80.61	55.38
1983	72.50	47.29	54.21	107.65	72.38	80.22	68.49	59.54
1984	77.67	48.49	57.39	109.38	74.98	83.89	70.10	65.35
1985	76.34	48.75	54.89	100.12	75.21	82.89	66.25	77.94
1986	76.62	50.07	55.77	98.96	76.03	95.54	81.10	82.46
1987	82.80	55.39	62.87	116.36	87.94	116.34	78.16	87.09
1988	80.76	55.45	62.21	120.17	89.17	113.45	60.19	70.19
1989	80.28	54.76	61.58	110.85	86.44	111.83	58.97	71.09
1990	82.33	59.05	65.74	-	89.24	116.53	71.22	59.89
1991	77.66	57.05	62.23	-	92.81	117.29	62.60	50.60
1992	81.35	57.15	63.29	-	89.70	113.42	57.29	59.05
1993	90.34	63.89	70.43	-	104.78	132.91	67.94	76.03
1994	85.83	61.53	73.84	-	101.64	132.60	63.00	87.00
1995	82.00	53.82	69.07	-	89.33	111.84	66.23	88.87
1996	78.69	47.22	NA	-	75.91	83.14	83.00	99.33
1997	82.70	51.91	NA	-	94.38	109.87	82.77	109.00
1998	82.63	53.30	NA	-	99.42	122.61	54.69	92.00
1999	86.78	56.40	NA	-	104.84	134.85	56.70	92.00
2000	95.28	61.55	NA	-	118.87	161.14	75.60	112.00
2001	103.45	66.43	NA	-	125.07	165.95	78.20	101.00
2002	96.91	58.65	NA	-	113.07	141.33	63.60	99.00

*: Commencing 1973: A1,A2 grade (1,000+ lb). Commencing 1994: Grade A (1,251+ lb).
**: Commencing July 1, 1996: includes weight premiums and bonuses.
***: Prior to 1973: prices were for Good Lambs.
SOURCE: Canfax; Agriculture and Agri-Food Canada; Manitoba Agriculture and Food.

TABLE 125: Historical Winnipeg D1,2 Cow Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	16.61	16.78	17.56	18.46	18.78	18.46	16.52	17.09	17.81	16.13	16.32	16.52
1963	16.95	17.25	17.34	18.20	18.40	17.99	17.36	17.88	17.55	16.59	15.59	15.50
1964	15.00	15.78	16.98	17.32	17.70	16.89	15.40	15.53	15.36	14.39	13.25	13.49
1965	13.52	14.51	15.40	16.62	16.88	16.83	15.11	14.56	14.33	14.03	13.49	15.02
1966	16.43	18.33	19.96	20.88	21.96	20.46	20.20	18.43	19.63	17.04	17.53	19.46
1967	19.70	21.43	21.52	21.23	21.58	22.16	20.21	19.69	19.18	18.67	18.29	18.37
1968	17.63	18.39	19.35	21.16	21.87	21.73	19.89	19.88	19.95	19.37	18.82	18.99
1969	20.50	21.69	23.45	24.73	26.90	25.69	25.71	24.66	24.21	22.78	21.76	22.04
1970	23.31	23.53	25.22	25.15	24.08	23.96	23.03	22.25	23.10	22.12	21.89	21.61
1971	22.13	22.03	22.50	23.45	23.40	24.07	23.50	22.90	23.87	22.38	22.31	23.97
1972	23.40	24.41	26.54	28.22	27.81	28.01	26.71	26.18	27.06	25.98	25.55	27.73
1973	26.80	30.85	35.07	35.57	36.89	37.63	36.00	41.19	37.50	37.35	35.00	35.25
1974	35.21	33.83	36.15	36.93	35.41	34.00	29.73	26.06	24.04	20.07	18.59	19.39
1975	19.56	20.05	22.36	25.16	24.90	24.28	21.59	20.26	21.78	21.12	19.70	19.77
1976	22.04	24.97	26.90	28.88	28.58	28.00	26.03	23.11	22.01	20.05	18.92	19.90
1977	20.91	22.96	24.74	27.34	27.24	27.15	26.34	25.61	25.84	25.54	25.17	25.62
1978	28.13	33.11	36.15	42.20	45.99	45.87	42.89	42.19	44.02	47.39	44.32	46.57
1979	55.68	60.61	63.43	63.32	62.60	60.25	56.99	54.89	54.36	51.44	51.09	53.74
1980	52.21	53.79	52.59	52.81	49.95	48.68	50.97	53.97	54.18	52.93	51.00	51.82
1981	50.78	51.27	50.43	51.30	50.69	50.77	52.03	52.46	50.47	43.49	41.92	41.37
1982	42.57	41.96	46.18	48.48	50.55	51.29	52.94	51.55	48.95	45.75	40.92	40.34
1983	41.94	46.76	49.73	52.03	53.19	53.25	51.74	50.57	46.87	43.84	41.27	41.67
1984	44.87	47.40	51.71	53.09	52.67	52.47	52.02	52.07	46.66	46.00	44.31	45.37
1985	46.85	51.92	54.05	52.10	52.16	54.41	51.30	50.29	47.30	44.16	42.90	44.52
1986	45.22	49.87	51.06	48.76	50.68	51.54	52.08	50.94	52.49	51.75	48.11	48.39
1987	51.32	53.02	54.26	53.76	55.85	58.34	58.97	59.64	56.72	53.06	53.50	56.34
1988	57.00	56.29	59.05	59.00	60.06	55.24	56.34	56.53	55.45	52.34	50.95	51.02
1989	52.12	54.92	55.02	53.35	55.06	56.79	59.30	56.45	57.63	53.79	51.68	53.81
1990	57.35	60.55	60.34	58.38	59.44	63.60	62.65	61.24	58.89	57.47	54.12	56.88
1991	54.10	58.88	61.17	60.76	61.42	61.77	57.88	57.57	54.96	53.82	50.19	50.69
1992	53.13	56.26	58.78	56.62	59.08	58.33	58.24	59.53	56.44	57.66	55.48	57.54
1993	61.23	61.96	61.05	64.05	65.01	67.03	67.48	66.54	66.53	64.72	62.81	59.34
1994	61.88	63.09	63.15	67.05	65.22	63.75	64.90	63.95	59.84	54.59	54.22	56.75
1995	58.16	59.81	59.38	56.66	55.30	59.00	56.63	53.90	51.03	47.27	43.90	44.75
1996	46.72	47.93	46.28	43.19	46.18	47.75	51.61	51.20	49.91	47.30	43.13	45.25
1997	45.00	47.94	55.53	56.98	57.19	55.25	56.48	55.86	50.50	47.98	46.09	48.08
1998	52.56	51.78	53.09	55.88	56.56	56.22	56.75	56.25	53.15	48.25	49.47	49.63
1999	53.78	54.69	56.93	55.18	55.42	58.80	58.53	58.25	55.08	53.69	56.50	60.00
2000	56.21	58.44	59.56	62.66	65.44	65.98	65.13	62.63	61.25	60.38	60.60	60.29
2001	61.16	67.44	67.88	69.75	72.75	74.59	73.00	71.18	69.03	59.91	55.69	54.81
2002	56.98	61.19	67.39	63.79	63.00	61.02	57.22	57.94	57.16	53.36	51.04	53.76

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 126: Historical Winnipeg Grade A Steer Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	23.48	23.00	22.72	23.52	24.11	24.90	26.44	26.95	27.62	27.80	27.61	25.72
1963	23.68	22.30	21.33	22.25	22.69	23.60	24.65	25.60	25.15	23.22	21.71	21.12
1964	20.35	20.88	22.00	22.34	22.80	22.03	22.13	22.66	22.27	21.44	21.42	21.06
1965	20.97	21.77	22.11	22.74	23.35	24.58	24.88	23.96	23.55	23.45	23.98	24.77
1966	25.52	26.10	25.99	25.65	25.36	24.46	24.10	24.17	24.88	24.98	25.07	26.21
1967	25.78	26.06	25.56	25.33	25.40	26.45	26.67	27.77	28.57	28.47	28.63	27.88
1968	26.38	25.42	24.62	25.31	26.48	27.31	27.61	28.26	28.83	28.36	27.76	26.87
1969	26.99	27.02	28.87	31.66	34.44	34.94	33.31	31.39	29.02	27.49	27.07	27.87
1970	30.95	32.23	32.57	32.55	32.48	31.57	30.90	30.09	29.51	28.83	30.06	29.98
1971	31.22	32.66	32.63	32.93	34.03	34.00	33.34	32.91	32.89	32.78	33.79	34.81
1972	35.72	35.04	35.48	35.76	37.37	37.77	36.64	34.63	33.33	33.35	36.17	37.96
1973	39.50	41.79	43.27	42.96	44.50	46.23	46.48	53.99	48.44	46.79	45.89	45.16
1974	50.83	50.73	44.72	44.62	47.35	48.98	51.05	52.07	49.77	47.78	50.25	48.20
1975	44.27	38.26	36.73	37.62	48.61	48.65	49.72	45.90	45.21	45.17	44.75	42.61
1976	39.59	38.20	37.67	42.22	42.62	40.03	38.21	36.91	38.61	38.92	38.66	38.68
1977	36.33	35.49	36.31	38.37	39.79	40.23	40.08	41.45	42.57	44.43	46.04	44.87
1978	44.84	45.41	49.95	55.08	61.50	66.17	60.80	61.54	62.66	64.08	63.75	63.82
1979	67.78	76.29	78.83	78.81	80.26	80.62	76.36	72.24	75.54	73.82	74.51	76.67
1980	79.66	78.46	73.13	70.56	72.65	71.66	74.76	77.13	80.32	79.64	80.51	80.58
1981	79.80	75.70	74.12	75.54	77.82	78.51	78.11	77.22	76.08	75.66	72.85	72.14
1982	66.49	68.77	70.25	75.85	84.47	83.72	78.85	74.93	74.64	70.21	72.48	71.37
1983	69.21	70.42	71.83	77.59	78.59	76.75	71.67	71.08	69.49	70.55	71.77	73.02
1984	76.98	77.18	77.79	80.91	81.87	75.67	79.38	76.66	76.66	75.99	78.54	81.29
1985	80.63	78.13	79.08	78.55	77.40	76.10	71.30	69.29	70.84	75.79	81.21	81.38
1986	76.57	73.85	72.42	72.09	73.28	72.60	74.63	76.49	80.47	81.11	82.26	81.23
1987	79.10	77.73	78.19	81.25	89.02	86.21	81.79	82.80	82.47	80.75	80.15	78.51
1988	77.45	80.26	80.73	84.77	86.53	82.53	75.67	76.43	79.35	75.87	74.91	76.12
1989	79.97	82.71	83.91	80.22	80.34	78.52	79.57	80.31	79.50	80.00	81.59	80.79
1990	82.42	83.17	81.02	81.97	82.20	82.33	81.35	82.57	81.36	82.71	84.08	85.86
1991	82.09	82.66	83.31	82.35	81.25	79.05	77.39	74.61	73.41	72.85	70.99	71.30
1992	73.76	79.97	81.68	81.69	81.01	79.36	79.68	79.28	81.17	83.77	84.40	88.23
1993	91.39	90.93	94.00	94.33	94.46	90.48	86.48	88.42	88.67	86.72	86.52	86.32
1994	87.47	87.44	91.23	93.41	86.66	82.50	83.28	86.63	81.85	80.61	84.50	85.10
1995	90.48	92.47	88.40	82.28	77.97	80.43	78.65	77.78	76.58	76.72	80.25	82.01
1996	78.69	76.00	76.53	72.34	70.55	74.84	76.83	80.88	85.34	85.18	86.42	80.67
1997	78.50	78.94	84.47	84.08	84.91	81.84	81.68	83.63	80.56	82.73	85.50	85.54
1998	84.03	80.25	80.28	82.06	84.84	84.44	82.00	82.38	80.00	81.91	84.91	84.50
1999	82.71	83.56	86.25	87.00	85.63	86.83	83.29	84.84	84.05	86.75	92.42	98.13
2000	91.54	91.38	96.08	99.56	101.06	96.10	93.00	90.48	89.88	90.72	99.05	104.50
2001	107.90	111.06	114.22	113.00	106.40	102.94	102.63	99.23	99.28	93.10	93.13	98.50
2002	103.33	105.25	106.25	98.78	93.63	91.22	89.03	91.88	91.84	91.80	97.16	102.69

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 127: Historical Winnipeg Feeder Steer (800-900 lb) Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	22.30	22.37	23.04	23.83	23.82	24.62	24.77	25.58	25.77	24.84	25.39	24.29
1963	23.79	22.26	22.87	24.46	24.34	24.50	24.64	25.18	22.94	22.39	21.81	20.01
1964	21.[illegible]	21.43	23.16	22.58	22.14	22.02	20.77	20.90	20.50	19.09	19.13	18.45
1965	18.94	19.99	20.86	21.41	22.42	23.33	23.22	22.92	22.84	22.12	22.52	22.77
1966	24.11	25.99	26.54	26.20	26.25	26.22	24.58	25.93	25.42	24.33	24.62	25.48
1967	26.00	26.14	25.93	26.15	26.63	27.81	26.58	26.93	26.92	25.96	25.90	25.98
1968	23.90	25.43	26.01	26.00	27.37	28.20	27.93	27.66	26.79	26.81	27.17	27.30
1969	27.20	27.90	29.75	31.42	33.80	35.29	34.56	32.97	32.30	31.60	32.00	32.28
1970	32.62	34.49	35.73	33.89	33.60	33.98	33.53	31.92	31.91	31.35	32.44	32.20
1971	32.76	33.19	33.36	33.14	33.35	34.00	33.64	33.80	33.62	34.65	34.65	34.27
1972	35.44	36.10	36.64	37.29	40.79	42.09	39.45	38.63	38.44	39.02	38.43	39.96
1973	36.99	41.86	44.74	42.73	44.75	46.16	47.55	57.04	49.27	49.51	50.07	48.03
1974	47.20	46.71	45.73	46.51	45.81	39.42	39.31	38.70	37.02	36.41	38.29	39.44
1975	35.78	32.65	32.16	32.88	37.92	40.66	37.68	35.76	33.99	34.76	34.96	34.83
1976	34.73	35.48	36.35	39.33	42.27	38.91	36.44	33.57	35.72	32.06	32.50	32.44
1977	32.07	32.28	34.12	35.92	36.31	37.38	38.53	39.16	39.67	40.63	41.47	40.28
1978	41.65	44.90	49.23	52.57	61.52	64.85	61.72	62.50	63.94	64.72	64.76	65.21
1979	70.52	84.48	88.70	86.94	84.67	83.85	81.88	75.04	80.21	76.76	75.39	78.71
1980	79.87	80.54	76.83	73.76	73.77	70.91	73.53	76.51	77.38	75.62	77.65	79.39
1981	77.02	73.74	74.34	75.02	76.67	75.57	74.83	72.60	71.06	70.15	67.32	69.06
1982	60.83	65.16	66.88	71.03	75.28	77.51	75.83	77.34	74.36	68.64	71.65	71.46
1983	70.67	73.43	65.71	76.49	74.33	75.41	70.74	70.22	67.99	69.10	69.82	71.64
1984	74.25	74.04	75.52	74.94	75.21	73.78	75.61	75.50	75.73	74.54	73.92	75.62
1985	77.47	77.76	77.46	78.37	77.73	78.24	72.12	70.69	71.46	72.37	74.30	75.15
1986	74.17	74.45	74.73	74.20	73.02	72.63	73.48	76.32	77.79	79.40	78.98	79.43
1987	81.59	82.45	82.79	84.62	88.66	87.76	86.68	89.10	95.09	91.68	86.18	89.00
1988	90.44	94.49	92.37	93.22	90.79	84.72	83.89	85.73	88.98	86.71	85.50	85.01
1989	86.42	86.07	86.55	84.94	85.00	84.93	86.24	89.95	87.88	87.69	85.51	86.98
1990	87.12	85.89	84.92	85.25	85.72	89.42	88.62	93.13	92.94	93.13	90.28	92.83
1991	92.53	94.23	94.48	95.93	93.14	94.44	92.03	91.03	92.18	89.67	87.30	86.48
1992	85.47	86.44	86.29	86.23	85.63	87.91	88.67	92.85	94.30	95.68	95.59	95.87
1993	99.70	102.12	99.95	100.68	102.91	103.89	100.19	107.98	112.72	111.57	106.28	104.98
1994	105.17	106.19	106.33	107.56	101.31	99.25	103.13	105.33	101.38	94.35	95.22	98.30
1995	100.50	97.63	93.20	88.97	88.31	90.60	88.50	87.69	86.53	86.25	82.94	80.25
1996	72.83	68.77	69.73	67.87	68.18	74.53	78.62	80.33	83.13	82.56	82.21	81.46
1997	82.75	85.25	86.13	88.50	93.38	93.13	96.40	105.57	101.13	99.65	98.90	101.79
1998	100.82	98.49	98.47	98.85	101.18	99.00	94.25	94.94	97.93	101.97	104.63	102.46
1999	100.86	101.34	99.75	98.69	99.01	104.96	101.95	108.05	111.21	108.91	110.40	112.89
2000	113.17	109.90	111.42	115.55	117.69	118.14	118.83	124.29	126.55	122.61	122.68	125.56
2001	121.31	118.74	117.26	121.01	123.25	129.00	131.56	135.51	136.90	127.81	118.50	119.96
2002	116.94	116.80	113.25	110.61	109.86	106.14	107.22	111.22	111.92	116.71	115.80	120.53

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 128: Historical Winnipeg Steer Calf (500-600 lb) Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1967	41.10	40.80	39.44	38.61	39.69	39.42	36.47	36.98	38.05	36.30	35.20	39.22
1968	39.66	40.83	38.66	39.96	40.49	39.99	36.32	33.97	35.96	35.85	35.14	38.02
1969	40.62	42.10	41.98	41.07	44.02	44.87	41.36	38.87	42.14	41.93	41.83	43.24
1970	46.10	46.37	47.22	46.37	47.98	48.00	44.78	45.40	47.65	45.66	45.50	46.99
1971	49.98	47.39	47.59	47.60	47.04	48.45	47.54	44.34	44.09	43.38	42.00	49.32
1972	52.00	52.04	52.34	52.16	55.85	55.12	54.29	52.81	51.67	50.39	42.04	58.86
1973	60.14	65.18	64.72	64.78	67.83	67.22	68.62	68.03	68.38	64.01	63.93	72.07
1974	73.45	70.94	75.29	76.36	75.53	79.16	71.34	54.15	56.94	52.29	56.95	59.09
1975	63.06	62.60	48.58	49.27	41.91	51.15	46.03	38.75	37.25	33.80	34.89	34.85
1976	46.35	49.01	51.14	51.49	50.04	52.01	45.80	43.31	44.98	39.56	38.17	38.50
1977	40.47	41.90	45.80	47.03	47.92	47.00	44.12	45.14	42.54	41.04	41.86	45.44
1978	50.92	52.77	59.31	63.88	66.67	80.31	77.79	78.84	79.05	74.60	79.60	90.81
1979	91.32	107.06	116.47	118.57	117.44	124.27	119.02	112.27	107.92	106.97	96.38	103.86
1980	112.19	116.99	117.21	114.27	115.51	114.94	107.95	105.06	104.89	102.00	103.89	101.69
1981	98.82	113.93	110.98	108.63	112.60	117.76	113.94	111.53	100.04	90.33	91.59	98.13
1982	100.36	109.31	117.35	113.53	109.63	114.26	109.98	104.46	103.81	88.86	89.24	100.38
1983	105.27	103.66	111.69	115.23	116.09	119.29	110.73	102.95	99.22	95.65	96.36	95.20
1984	111.93	97.92	112.43	114.06	118.18	110.43	110.36	110.21	108.70	96.40	99.13	103.99
1985	104.94	102.83	110.02	110.21	111.55	98.09	100.67	99.31	90.65	85.72	95.74	94.51
1986	96.66	97.09	98.40	95.91	97.35	97.93	101.53	94.27	96.76	97.93	97.54	108.21
1987	103.16	103.54	105.29	112.03	116.02	121.78	124.44	126.72	125.63	120.54	122.71	122.66
1988	116.00	120.68	118.18	115.19	115.26	105.37	97.02	96.93	107.08	111.08	102.91	101.03
1989	101.78	104.37	105.75	103.46	102.25	101.39	100.55	102.42	107.28	108.20	105.59	106.78
1990	102.63	102.61	102.54	107.18	105.82	114.26	110.84	110.14	111.90	110.18	108.78	110.26
1991	110.05	110.71	115.74	117.29	114.98	115.78	111.67	108.65	110.79	108.29	107.01	105.73
1992	104.33	106.66	106.79	110.73	106.30	105.34	103.44	104.92	108.88	108.49	108.74	111.70
1993	112.46	116.17	121.52	121.47	122.89	123.41	121.30	124.82	130.23	129.39	126.44	125.81
1994	126.38	128.94	134.55	140.13	132.03	125.65	125.38	127.13	123.[illegible]	116.22	117.44	118.70
1995	122.06	120.38	119.38	113.42	108.40	108.78	102.00	101.42	100.02	99.58	93.77	78.56
1996	74.17	72.56	77.24	75.82	75.11	80.02	79.00	78.32	85.60	86.78	86.40	85.34
1997	85.63	95.50	98.38	100.70	106.25	104.00	106.00	118.16	118.83	114.16	111.84	117.48
1998	119.61	122.28	117.31	115.70	118.92	118.69	113.44	111.13	113.80	115.53	117.47	118.25
1999	117.25	124.10	121.48	122.90	121.82	123.37	120.47	128.42	134.84	132.13	134.90	136.05
2000	143.64	143.65	146.22	147.68	148.97	146.24	142.39	153.35	152.39	150.60	145.15	152.60
2001	152.11	157.04	161.17	159.39	155.95	159.63	158.25	160.00	153.23	145.60	144.67	143.75
2002	143.85	152.22	149.72	149.10	137.24	127.19	121.13	120.88	117.63	123.40	129.07	133.15

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 129: Historical Monthly Weighted Average Index 100 Hog Prices ($/100 kg)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	52	54	54	55	57	63	68	68	63	62	63	63
[illegible]	62	61	56	50	54	61	62	60	59	54	52	54
[illegible]	[illegible]	55	52	51	53	58	57	56	57	54	53	54
1965	[illegible]	55	57	57	62	73	76	76	77	77	80	88
1966	90	[illegible]	77	70	78	80	73	76	74	71	67	66
1967	65	67	64	61	67	66	61	63	63	61	58	59
1968	57	58	58	56	59	64	67	74	74	70	71	72
1969	70	73	69	66	73	80	80	82	86	82	79	82
1970	82	83	75	68	68	66	63	60	60	54	53	50
1971	48	51	47	43	47	47	51	55	55	55	55	56
1972	60	68	67	68	69	72	77	80	84	86	84	88
1973	91	104	108	99	97	102	121	145	131	126	123	119
1974	108	104	96	88	85	85	93	110	117	113	111	116
1975	116	118	106	109	127	143	165	166	175	165	151	152
1976	152	145	140	137	139	139	141	134	128	110	101	108
1977	106	113	115	111	125	133	137	134	134	125	130	137
1978	140	149	135	131	151	147	136	144	156	171	170	163
1979	155	170	164	145	139	143	136	131	138	130	122	126
1980	113	117	110	95	99	105	120	138	153	154	150	149
1981	140	140	133	131	134	153	171	166	171	161	147	142
1982	138	149	156	167	187	199	201	204	206	191	168	171
1983	175	183	166	151	152	147	143	150	151	136	126	138
1984	145	144	143	151	155	160	172	172	161	148	155	158
1985	154	158	150	131	121	143	151	139	142	150	147	154
1986	150	153	144	140	152	172	204	218	218	200	204	191
1987	168	171	158	161	185	200	203	200	185	166	140	141
1988	135	142	135	133	144	152	138	133	128	121	118	118
1989	120	122	114	111	121	135	141	144	134	140	137	135
1990	127	140	142	149	173	184	179	171	157	154	149	144
1991	141	151	146	145	155	158	149	147	129	126	110	108
1992	102	117	116	118	128	137	134	128	129	133	131	138
1993	133	137	144	147	153	160	153	164	168	160	143	137
1994	145	165	156	152	152	152	151	151	126	110	101	113
1995	135	142	135	125	126	149	166	170	168	157	139	147
1996*	144	157	166	171	194	195	205	210	190	193	183	190
1997*	184	178	170	192	204	203	208	195	179	167	162	148
1998*	130	129	125	127	156	158	135	134	113	108	71	61
1999*	103	107	105	117	140	130	122	142	132	132	130	140
2000*	142	165	164	186	187	188	185	167	158	160	144	155
2001*	142	152	180	185	194	199	199	196	179	163	143	137
2002*	155	162	153	137	139	145	157	142	111	130	122	129

* Price includes premiums and bonuses.

SOURCE: Agriculture and Agri-Food Canada (1962-1996); Manitoba Agriculture and Food; Manitoba pork processors (1996-2002)

TABLE 130: Historical Monthly Weighted Average No. 1 Sow Prices ($/100 kg)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	37.89	39.68	39.96	39.96	40.78	42.99	47.67	50.29	49.60	50.29	47.26	49.88
1963	49.88	50.15	45.47	42.44	42.85	42.71	42.44	41.61	41.34	40.65	37.89	38.30
1964	38.17	37.89	38.44	38.58	38.44	39.13	37.20	36.38	36.93	37.06	36.51	36.79
1965	36.51	36.68	36.76	48.78	49.82	51.81	60.49	64.62	66.88	68.95	71.37	74.49
1966	75.53	82.42	79.92	61.37	64.54	68.01	62.09	55.91	57.43	62.91	60.79	60.38
1967	57.57	59.00	60.13	58.15	57.15	56.24	50.73	50.29	51.92	51.48	47.34	46.79
1968	45.36	46.68	47.67	47.34	48.64	50.57	50.18	54.26	56.27	55.64	55.91	56.35
1969	56.60	60.05	63.19	62.42	62.25	68.26	73.22	76.97	78.59	77.22	76.91	76.25
1970	75.03	77.38	72.56	68.07	62.58	56.49	52.88	48.56	47.48	42.36	35.55	33.21
1971	27.50	34.00	34.50	33.60	34.60	33.90	35.10	34.60	33.10	32.60	34.60	36.00
1972	46.50	53.30	52.00	51.70	57.30	55.40	56.90	57.40	61.30	63.20	59.20	59.50
1973	61.00	71.10	83.00	78.20	80.00	84.50	91.90	117.40	102.20	97.50	96.30	84.40
1974	80.50	78.30	72.20	60.90	49.70	41.10	44.10	54.60	63.60	70.50	71.40	60.80
1975	65.90	82.20	79.50	75.00	78.80	99.10	106.20	111.60	128.70	137.90	110.90	106.30
1976	107.50	108.30	106.50	108.40	109.70	108.80	106.40	90.30	85.60	64.80	57.70	64.10
1977	76.20	85.50	86.30	85.60	92.10	95.60	99.60	97.20	94.80	91.20	90.90	91.80
1978	92.00	94.90	97.20	101.30	103.80	102.30	97.40	107.70	108.30	120.90	114.20	110.60
1979	116.10	119.00	120.90	112.00	101.40	92.50	85.60	80.90	85.40	80.50	72.60	72.90
1980	84.50	84.60	80.20	62.30	65.30	64.40	85.50	99.40	111.40	113.00	112.30	108.70
1981	101.90	102.00	96.80	93.20	95.00	105.40	123.50	116.90	126.10	126.20	112.10	97.00
1982	93.60	106.30	114.50	123.80	134.90	148.10	155.50	156.60	157.80	156.10	142.30	137.00
1983	138.10	140.80	136.90	127.20	116.70	106.90	98.30	98.10	96.50	88.00	78.50	80.20
1984	98.20	110.20	108.50	112.50	116.30	116.70	123.10	120.10	113.70	106.30	108.90	113.60
1985	119.10	119.20	118.60	98.50	104.10	97.30	93.20	90.40	84.90	87.80	92.50	93.20
1986	90.70	96.20	91.60	88.60	93.20	103.20	126.60	143.20	155.60	136.90	137.80	127.60
1987	106.40	109.70	107.50	105.30	131.00	114.10	133.90	127.90	123.20	110.50	87.60	109.50
1988	78.80	91.10	82.00	84.30	89.10	84.60	66.90	70.40	73.20	71.90	64.00	62.60
1989	84.00	81.00	82.00	75.00	78.00	88.00	83.00	83.00	83.00	94.00	91.00	94.00
1990	108.00	112.00	121.00	124.00	147.00	146.00	130.00	132.00	117.00	124.00	110.00	95.00
1991	98.00	106.00	110.00	114.00	113.00	115.00	102.00	98.00	88.00	86.00	67.00	62.00
1992	66.00	78.00	86.00	90.00	105.00	109.00	103.00	101.00	102.00	110.00	102.00	98.00
1993	99.00	107.50	118.75	121.00	120.00	117.50	108.75	115.00	120.00	119.00	111.00	98.00
1994	106.97	119.37	124.28	126.73	115.93	109.35	97.18	97.70	84.77	72.38	58.57	55.70
1995	79.29	92.92	101.06	90.99	89.22	93.43	91.33	111.60	115.81	122.24	102.97	102.19
1996	101.74	108.02	113.98	119.71	135.46	154.15	161.15	169.02	158.35	162.02	160.38	164.77
1997	159.97	158.37	148.83	160.33	176.28	167.01	168.39	161.43	139.95	131.76	124.28	114.56
1998	92.01	94.80	91.30	91.70	104.77	107.81	97.86	81.49	64.43	70.11	46.28	33.17
1999	54.71	61.20	76.97	81.97	112.14	106.57	69.25	86.92	81.52	87.46	87.98	97.77
2000	109.39	123.61	128.34	145.98	153.93	139.45	135.29	138.75	129.80	126.10	110.93	123.13
2001	121.60	125.90	146.33	162.86	152.74	164.92	158.27	158.01	140.83	134.53	104.82	91.06
2002	105.07	113.60	115.95	96.01	84.89	76.76	72.68	71.45	44.72	69.94	70.06	76.49

SOURCE: Agriculture and Agri-Food Canada; Manitoba Pork Marketing

TABLE 131: Historical Livestock Slaughtered in Manitoba

Year	Total Cattle & Calves	Cattle	Calves	Hogs	Sheep	Lambs
1964	471,959	393,231	78,728	748,168	83,258	
1965	571,993	470,420	101,573	736,110	72,352	
1966	549,903	462,907	86,996	709,009	55,232	
1967	536,468	450,690	85,778	894,093	46,672	
1968	538,529	467,666	70,863	891,200	40,828	
1969	470,366	428,085	42,281	878,594	24,540	
1970	447,879	422,236	25,643	1,213,226	13,988	
1971	447,650	425,296	22,354	1,555,220	21,665	
1972	455,855	435,705	20,150	1,238,971	19,854	
1973	449,250	435,046	14,204	1,234,072	19,926	
1974	480,254	455,489	24,765	1,196,295	16,144	
1975	551,425	507,750	43,675	862,349	7,956	
1976	581,124	537,677	43,447	795,580	6,223	
1977	559,147	515,011	44,136	828,041	5,926	
1978	444,514	424,100	20,414	792,019	5,920	
1979	322,563	314,374	8,189	1,023,442	2,848	
1980	311,300	302,629	8,671	1,119,928	4,273	
1981	321,486	311,191	10,295	1,146,014	7,731	
1982	357,963	346,770	11,193	1,094,516	9,130	
1983	347,680	340,011	7,669	1,191,678	11,073	
1984	339,680	332,873	6,807	1,268,817	10,835	
1985	373,692	369,645	4,047	1,533,813	10,646	
1986	380,900	377,430	3,470	1,637,686	5,851	
1987	241,554	239,352	2,202	1,656,814	4,116	
1988	183,268	181,494	1,774	1,800,439	4,558	
1989	125,794	123,853	1,941	1,898,187	4,751	
1990	92,310	90,958	1,352	1,874,785	5,121	
1991	55,476	54,568	908	1,967,649	5,715	
1992	50,234	49,590	644	2,092,009	4,927	
1993	38,620	38,278	342	1,856,252	4,105	
1994	37,264	37,003	261	2,021,569	3,025	
1995	38,937	38,680	257	2,000,689	2,058	
1996	37,633	37,291	342	1,938,028	1,773	
1997	31,241	31,003	238	2,076,232	294	1,122
1998	20,384	20,085	299	2,820,840	286	1,266
1999	19,608	19,521	87	3,073,034	299	1,813
2000	17,316	17,250	66	3,923,880	171	2,016
2001	15,948	15,865	83	4,147,548	281	2,106
2002	16,367	16,328	39	4,421,297	344	2,373

SOURCE: Agriculture and Agri-Food Canada, Manitoba Health, CFIA

TABLE 132: Historical Total Cattle and Calves Slaughtered in Manitoba, by Month

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1968	41,919	40,302	48,507	36,029	36,843	51,174	40,785	43,232	56,192	48,093	50,171	45,282
1969	37,947	37,515	45,260	32,725	34,949	44,824	34,323	34,444	45,198	38,596	39,356	45,229
1970	38,973	29,648	37,011	31,202	32,009	40,436	35,206	35,815	48,984	37,507	41,599	39,489
1971	37,133	30,740	39,881	30,569	34,310	41,987	36,137	35,304	45,032	37,049	41,266	38,242
1972	31,935	32,934	40,851	34,181	33,890	43,276	35,616	37,024	46,619	40,061	40,439	39,029
1973	37,050	36,716	45,606	29,762	32,651	41,002	32,273	34,318	37,466	38,402	42,377	41,627
1974	34,844	32,844	43,812	35,242	34,838	44,182	34,939	35,357	48,960	41,670	48,533	45,033
1975	38,056	41,206	49,436	41,245	36,947	46,887	36,990	41,248	62,322	49,425	52,712	54,951
1976	43,309	44,444	53,860	41,564	41,176	51,337	41,139	42,859	60,455	48,319	49,359	63,303
1977	50,489	50,412	58,814	41,661	44,332	53,584	42,455	34,663	46,861	39,052	45,041	51,783
1978	46,961	43,131	42,658	36,974	33,086	33,142	19,051	27,886	42,497	36,499	41,583	41,046
1979	31,706	24,111	25,885	22,684	21,455	29,858	23,586	23,056	35,564	26,861	29,670	28,127
1980	22,648	21,452	26,674	22,090	23,828	31,164	23,932	23,607	32,176	26,736	28,572	28,421
1981	25,607	24,670	30,005	23,545	24,203	32,613	22,967	23,785	30,022	26,170	28,173	29,726
1982	25,388	31,145	32,464	26,143	30,135	34,936	25,506	26,141	38,372	29,386	27,646	30,701
1983	27,824	25,332	28,069	24,878	26,059	34,373	28,869	27,863	35,888	30,403	28,890	29,232
1984	28,435	27,570	33,976	26,670	27,341	36,693	26,173	12,179	28,009	29,889	30,829	31,916
1985	29,473	30,095	35,939	24,153	27,637	37,143	29,984	28,848	36,993	28,257	29,425	35,745
1986	30,590	31,059	35,257	28,859	29,490	41,980	33,116	29,901	36,910	25,258	24,507	33,973
1987	27,659	26,825	30,755	17,981	17,788	20,407	16,536	15,963	17,612	16,221	16,702	17,105
1988	17,223	14,973	17,860	15,948	17,672	22,642	17,803	15,646	15,975	8,132	8,879	10,515
1989	10,001	9,869	10,499	9,735	11,917	15,503	10,953	8,727	11,246	8,859	9,448	9,037
1990	8,414	7,475	8,373	7,832	9,259	10,889	8,024	7,635	8,489	6,622	4,544	4,754
1991	3,676	3,344	4,429	4,144	5,076	6,527	4,616	4,145	5,421	4,555	4,619	4,924
1992	3,616	3,903	4,711	4,115	4,403	5,729	4,187	4,032	5,003	4,120	3,526	2,889
1993	2,830	2,697	3,694	3,016	3,528	4,174	3,074	2,705	3,212	2,730	3,582	3,378
1994	2,502	2,698	3,640	2,997	3,276	4,085	3,028	2,[illegible]2	3,165	2,809	3,016	3,426
1995	2,465	2,512	3,229	2,859	3,705	4,467	3,304	2,775	3,701	3,184	3,298	3,438
1996	2,504	2,668	4,016	3,094	3,688	4,677	3,671	2,461	2,419	3,275	2,801	2,359
1997	2,959	2,506	2,492	2,908	2,834	3,144	2,818	2,337	2,325	2,672	2,501	1,745
1998	1,786	1,632	1,762	2,342	1,509	1,841	1,893	1,061	1,645	1,652	1,722	1,539
1999	1,410	1,498	1,918	1,684	1,758	2,180	1,594	1,251	1,595	1,489	1,587	1,644
2000	1,260	1,214	1,607	1,585	1,784	1,800	1,448	1,451	1,186	1,534	1,461	986
2001	1,304	991	1,312	1,298	1,798	1,474	1,347	1,333	1,040	1,600	1,452	999
2002	1,283	1,179	1,308	1,378	1,548	1,747	1,419	1,389	1,017	1,374	1,663	1,062

SOURCE: Agriculture and Agri-Food Canada, Manitoba Health, CFIA.

TABLE 133: Historical Hogs Slaughtered in Manitoba, by Month

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1968	80,241	76,484	92,586	73,001	71,321	86,532	60,323	59,922	74,263	65,645	67,653	83,229
1969	64,343	67,878	87,680	71,407	66,996	81,557	59,549	59,929	77,760	68,039	74,129	99,327
1970	85,063	78,828	102,150	91,332	96,669	107,318	89,577	85,606	115,649	104,055	122,769	134,210
1971	132,628	131,540	156,740	137,583	129,798	162,537	120,990	106,744	124,511	107,528	112,754	131,867
1972	104,115	99,229	124,507	108,843	96,582	123,591	90,025	90,548	106,773	86,907	98,105	109,746
1973	102,805	96,863	125,958	100,524	100,647	126,823	98,015	83,111	102,956	92,436	97,175	106,759
1974	101,671	109,664	133,188	97,018	81,165	110,842	91,724	93,221	103,884	80,900	91,006	102,012
1975	84,179	78,195	93,197	82,352	71,851	84,848	60,658	54,208	68,179	58,032	59,349	67,301
1976	61,651	58,117	73,981	61,772	58,621	74,996	56,176	56,112	72,489	63,075	67,652	90,938
1977	67,485	64,744	78,185	66,450	64,664	78,685	61,088	60,770	78,606	63,188	66,856	77,320
1978	65,833	70,525	81,598	67,475	65,332	77,545	48,390	58,542	38,067	67,805	69,288	81,619
1979	77,541	73,363	95,669	80,157	79,798	97,451	75,434	76,193	99,916	83,268	88,397	96,255
1980	82,984	90,384	109,770	90,045	86,667	114,891	82,784	83,143	104,939	83,400	86,850	104,071
1981	86,494	92,250	115,743	91,449	89,064	112,806	83,699	83,040	106,721	84,939	91,191	108,618
1982	88,744	88,589	113,434	89,475	90,470	106,623	85,483	83,844	100,342	79,101	73,063	95,348
1983	77,642	82,605	103,522	89,303	88,226	117,044	96,066	91,433	118,660	98,626	107,712	120,839
1984	102,764	105,507	137,123	110,823	103,499	110,268	77,059	50,735	104,158	114,152	120,812	131,917
1985	109,210	109,859	145,538	116,298	115,810	159,935	116,803	115,664	152,351	125,266	125,254	141,825
1986	122,941	124,508	150,023	124,771	119,749	173,270	114,571	119,190	150,355	123,519	131,414	183,375
1987	137,729	132,097	171,481	127,309	129,466	145,693	121,335	115,594	154,192	129,660	139,813	152,445
1988	141,592	135,250	161,218	145,022	133,272	162,145	136,949	139,731	176,911	144,864	143,831	179,654
1989	158,058	155,548	186,405	157,154	140,325	172,242	137,725	131,594	191,150	148,297	154,567	165,122
1990	142,003	147,001	183,388	140,416	134,922	182,015	138,714	145,091	188,530	151,198	153,927	167,580
1991	149,198	155,118	182,705	143,760	138,754	185,771	145,460	149,528	196,771	159,991	167,583	193,010
1992	159,719	157,584	200,921	160,372	155,270	198,437	154,278	157,977	202,937	156,071	167,519	220,924
1993	168,583	161,722	196,424	130,909	125,415	166,661	141,689	133,217	174,761	138,486	142,516	175,869
1994	168,077	164,164	190,081	153,690	138,778	185,199	152,033	146,118	195,362	164,266	171,217	192,584
1995	167,417	164,973	209,144	160,982	157,614	195,172	149,485	148,705	174,778	138,018	153,366	181,035
1996	149,901	168,567	215,853	162,127	153,151	183,685	135,227	135,581	178,188	145,328	143,020	167,400
1997	140,810	128,702	181,009	152,939	146,604	201,028	145,219	157,254	219,867	169,590	180,950	252,260
1998	267,761	212,324	220,286	271,580	210,526	207,858	247,406	205,644	221,948	276,476	225,570	253,461
1999	235,902	228,210	269,227	224,192	214,483	274,197	234,335	229,283	309,679	278,840	267,394	307,292
2000	285,512	294,967	397,480	288,147	287,987	362,550	308,123	270,773	370,965	328,642	343,603	385,131
2001	329,290	320,467	402,422	319,672	306,383	398,096	305,305	313,702	400,700	338,423	328,525	384,563
2002	329,306	326,146	394,092	340,679	307,629	419,921	334,998	352,714	450,652	364,150	377,046	423,964

SOURCE: Agriculture and Agri-Food Canada

ABLE 134: Historical Numbers of Livestock on Farms - July 1

Year	Beef Cows	Milk Cows	Total Cattle & Calves	Hogs	Sheep	Hens & Chickens*	Turkeys
	thousand animals or birds						
1960		198	931	371	76	6,400	880
1961	236	196	996	432	81	6,267	1,145
1962	255	185	982	334	76	5,465	970
1963	285	175	1,066	391	73	5,700	970
1964	331	172	1,152	460	72	6,270	885
1965	360	163	1,184	421	61	5,820	1,000
1966	348	150	1,151	499	51	5,844	1,091
1967	342	137	1,099	589	45	6,330	925
1968	328	129	1,029	547	38	6,380	870
1969	317	121	1,006	615	37	7,340	825
1970	344	116	1,104	907	40	8,540	900
1971	384	110	1,138	943	42	7,613	1,033
1972	406	105	1,210	893	36	7,530	1,000
1973	447	101	1,247	956	33	4,310	NA
1974	500	99	1,386	826	26	4,095	NA
1975	516	96	1,458	582	23	3,787	NA
1976	464	94	1,375	632	20	3,470	NA
1977	458	93	1,360	677	23	NA	NA
1978	420	90	1,280	713	26	NA	NA
1979	395	82	1,235	827	25	NA	NA
1980	400	82	1,210	876	31	NA	NA
1981	389	83	1,162	865	36	6,155	697
1982	395	81	1,151	873	34	NA	NA
1983	394	77	1,129	914	35	NA	NA
1984	394	75	1,131	1,044	31	NA	NA
1985	390	70	1,114	1,086	27	NA	NA
1986	375	65	1,091	1,089	23	6,298	730
1987	381	65	1,060	1,160	26	7,005	854
1988	384	63	1,075	1,338	27	6,757	857
1989	397	63	1,077	1,305	31	6,537	823
1990	404	61	1,055	1,196	34	6,577	895
1991	411	56	1,095	1,310	35	6,445	809
1992	436	55	1,167	1,373	35	6,127	760
1993	439	54	1,169	1,386	34	6,226	701
1994	476	54	1,236	1,466	33	6,261	755
1995	500	53	1,342	1,667	35	6,064	767
1996	540	51	1,424	1,814	38	6,490	760
1997	566	51	1,449	1,810	42	6,202	663
1998	560	51	1,447	1,999	50	6,622	694
1999	554	46	1,400	2,044	60	7,012	753
2000	554	41	1,400	2,296	69	7,500	779
2001	566	42	1,425	2,556	84	7,065	694
2002	574	41	1,470	2,785	78	6,925	708

* Hens and pullets only in 1973 - 1976.

SOURCE: Statistics Canada.

OTHER FARM PRODUCTS

TABLE 135: Historical Production Value Summary of Other Farm Products

Year	Pregnant Mare's Urine*	Honey	Leafcutting Bees	Wax	Fur*[1]	Forest**	TOTAL
	thousand dollars						
1960					3,078	307	4,258
1961		867		38	2,798	267	3,970
1962		657		29	3,097	226	4,009
1963		984		43	3,115	186	4,328
1964		911		34	3,111	145	4,201
1965		938		41	4,363	105	5,447
1966		1,232		54	3,379	117	4,782
1967	1,072	1,415		66	3,102	164	5,819
1968	1,290	602		42	2,827	200	4,961
1969	910	1,164		87	2,322	232	4,715
1970	875	1,215		95	1,348	250	3,783
1971	625	1,449		82	1,088	279	3,523
1972	660	2,843		99	1,081	352	5,035
1973	1,069	4,320		109	1,200	400	7,098
1974	2,000	3,518		147	976	378	7,019
1975	3,200	2,944		112	989	362	7,607
1976	3,700	4,349		208	1,320	482	10,059
1977	3,200	4,910		306	6,902	262	15,580
1978	2,600	7,565		465	6,716	258	17,604
1979	3,000	8,747		527	10,497	298	23,069
1980	2,300	8,747		532	12,183	1,080	24,842
1981	2,860	10,178		571	10,398	1,082	25,089
1982	4,930	10,475		488	7,947	1,090	24,930
1983	5,460	9,496	819	402	6,299	1,179	23,655
1984	8,617	9,280	800	473	5,593	1,188	25,951
1985	10,521	10,560	700	490	6,938	1,334	30,543
1986	12,920	8,800	1,480	330	6,841	1,274	31,645
1987	12,260	6,976	2,600	327	10,605	1,131	33,899
1988	12,053	6,512	1,595	330	7,291	974	28,755
1989	16,024	5,481	2,035	228	3,746	776	28,290
1990	17,002	6,619	3,360	226	2,386	637	30,230
1991	21,155	8,086	2,100	271	2,230	748	34,590
1992	28,168	7,226	3,938	234	2,628	860	43,054
1993	42,536	6,656	4,706	232	2,263	971	57,364
1994	44,013	8,286	2,750	371	3,987	1,083	60,490
1995	44,828	12,690	3,250	687	3,866	1,194	66,515
1996	44,104	13,125	5,250	512	5,210	1,259	69,460
1997	43,674	13,750	3,500	469	5,359	1,371	68,123
1998	35,061	17,204	5,440	638	5,081	1,313	64,737
1999	40,120	12,420	8,370	559	3,214	1,413	66,096
2000	41,379	9,975	5,517	351	3,180	1,281	61,683
2001	46,445	16,740	1,530	469	4,395	1,302	70,849
2002	52,061	28,710	4,016	399	4,076	1,266	90,528
2003	61,294						

* Season ending in year specified.
** Includes Christmas trees from 1997.
[1] Includes wildlife pelts commencing in 1977.
SOURCE: Statistics Canada; Ayerst Organics; Manitoba Agriculture and Food.

TABLE 136: Historical Production and Value of PMU

Year	Number of Farms (Census)	Total Number of Horses (Census)	Number of PMU Farms*	Total Number of PMU Mares*	PMU Mares in Production*	Estimated Foals Produced	TOTAL GROSS VALUE OF PMU* ($000)
1967	14,149	37,015	109	3,600			1,072
1968			109	3,100			1,290
1969			109	3,030			910
1970			108	2,900			875
1971	11,040	33,104	95	2,100			625
1972			95	2,400			660
1973			95	3,600			1,069
1974			132	6,200			2,000
1975			152	7,700			3,200
1976	N.A.	N.A.	171	8,800			3,700
1977			167	7,500			3,200
1978			144	5,900			2,600
1979			128	5,800			3,000
1980			115	4,700			2,300
1981	5,593	31,284	109	4,650			2,860
1982			114	6100			4,930
1983			114	6,500			5,460
1984			130	8,500			8,617
1985			135	9,100			10,521
1986	5,540	40,691	182	12,500			12,920
1987			182	11,240			12,260
1988			180	11,200			12,053
1989			178	11,903			16,024
1990			178	13,202			17,002
1991	4,203	44,130	178	13,715			21,155
1992			201	18,524			28,168
1993			282	26,693			42,536
1994			282	27,501		27,000	44,013
1995			282	27,738		26,000	44,828
1996	4,155	68,783	282	26,129		23,000	44,104
1997			283	23,016	22,254	20,000	43,674
1998			265	26,766	18,014	17,000	35,061
1999			259	24,985	20,364	20,000	40,120
2000			254	26,898	17,827	17,000	41,379
2001[R]	3,730	62,791	252	27,000	18,267	18,000	46,445
2002			248	30,000	21,100	21,000	52,061
2003			248	33,000	25,700	25,000	61,294

* Season ending in year specified.

SOURCE Ayerst Organics, Manitoba Agriculture and Food, Statistics Canada, Census of Agriculture

TABLE 137: Historical Production and Value of Fur

Year	Fox			Mink			Wildlife*		TOTAL FURS	
	Number of Farms	Number of Pelts	Total Value $000	Number of Farms	Number of Pelts	Total Value $000	Number of Pelts	Total Value $000	Total Number of Pelts	Total Value $000
1960				279	204,527	3,724				
1961				250	205,840	3,420				
1962				255	209,416	3,420				
1963				208	209,818	3,190				
1964				195	207,357	3,348				
1965				187	205,265	3,362				
1966				182	233,187	4,770				
1967				169	248,799	3,600				
1968				170	260,848	3,585				
1969				143	220,496	3,168				
1970				104	141,500	1,486				
1971				79	70,611	847				
1972		151	6.5	71	65,000	916				
1973				63	68,926	1,137				
1974				43	48,941	710				
1975				54	72,939	976				
1976				48	54,569	1,320	586,911	5,582		
1977					57,405	1,600	363,949	5,116		
1978					61,463	2,614	343,892	7,882		
1979					59,944	2,568	605,052	9,616		
1980					59,001	2,157	636,316	8,241		
1981					61,011	2,119	304,518	5,564		
1982					62,170	1,839	291,020	4,314		
1983					53,478	1,609	332,700	3,784		
1984		1,200	173	28	59,465	1,980	298,537	4,785	359,202	6,938
1985	16	1,522	164	27	60,082	1,616	230,051	5,061	291,655	6,867
1986	18	926	166	28	55,072	2,380	353,791	8,070	409,789	10,616
1987	18	820	93	23	48,375	1,810	391,744	5,394	440,939	7,297
1988	14	775	47	25	56,955	1,439	107,920	2,260	165,650	3,746
1989	13	997	38	19	44,435	784	68,061	1,564	113,493	2,386
1990	9	1,102	37	16	42,417	1,068	50,780	1,125	94,299	2,230
1991	10	752	35	15	38,840	912	70,801	1,682	110,393	2,628
1992	10	1,062	41	12	37,089	660	81,102	1,519	119,253	2,263
1993	6	410	34	12	34,700	1,258	124,250	2,695	159,360	3,987
1994	5	460	34	11	38,400	1,293	145,920	2,539	184,780	3,866
1995	5	480	42	11	38,900	2,529	129,826	2,639	169,206	5,210
1996	8	550	41	10	36,600	1,603	201,277	3,716	238,427	5,359
1997	7	420	34	11	41,600	1,740	208,766	3,307	250,786	5,081
1998	6	320	16	11	37,800	1,161	100,820	2,037	138,940	3,214
1999	5	320	16	9	28,200	1,197	97,022	1,967	125,542	3,180
2000	6	180	9	10	35,500	1,616	102,003	2,770	137,683	4,395
2001[R]	6	150	7	12	35,500	1,629	110,470	2,440	146,120	4,076
2002	7	60	3	11	28,600	1,148	NA	NA	NA	NA

* Season beginning in year specified.
SOURCE: Statistics Canada.

TABLE 138: Historical Production and Value of Honey & Beeswax

Year	Number of Bee-keepers	Number of Colonies	Honey				Beeswax		
			Average Yield/ Colony	Total Production	Average Price	Total Value	Total Production	Average Price	Total Value
	#	#	kg	tonnes	$/kg	$000	tonnes	$/kg	$000
1960 ...	920	41,700	69	2,894	0.29	829	43.5	0.84	40.5
1961 ...	720	40,560	74	3,025	0.29	867	45.4	0.84	38.0
1962 ...	730	38,560	59	2,291	0.30	657	34.5	0.84	28.8
1963 ...	700	43,000	77	3,311	0.30	984	51.2	0.84	43.0
1964 ...	810	46,000	58	2,667	0.34	911	40.0	0.84	34.0
1965 ...	840	47,000	60	2,835	0.35	1,000	42.1	0.97	41.0
1966 ...	860	53,000	70	3,725	0.33	1,232	55.9	0.97	54.2
1967 ...	860	55,000	78	4,280	0.33	1,415	63.9	0.99	66.5
1968 ...	820	52,000	40	2,099	0.29	602	31.5	1.32	41.7
1969 ...	820	50,000	81	4,060	0.29	1,164	60.9	1.43	87.3
1970 ...	852	50,276	84	4,241	0.29	1,215	63.6	1.50	95.4
1971 ...	826	50,000	73	3,651	0.40	1,449	54.8	1.50	82.1
1972 ...	810	51,500	84	4,298	0.66	2,843	64.5	1.54	99.5
1973 ...	659	54,000	73	3,919	1.01	3,974	58.8	1.85	108.9
1974 ...	810	60,000	65	3,982	0.90	3,518	58.4	2.52	147.0
1975 ...	950	76,000	48	3,654	0.81	2,944	54.8	2.05	112.4
1976 ...	1,100	80,000	69	5,480	0.79	4,349	82.4	2.53	208.4
1977 ...	1,050	81,000	64	5,181	0.95	4,910	77.9	3.93	306.0
1978 ...	1,200	85,000	81	6,863	1.10	7,565	102.9	4.52	465.2
1979 ...	1,300	93,000	76	7,087	1.23	8,749	106.3	4.95	527.3
1980 ...	1,400	99,000	70	6,960	1.25	8,747	104.6	5.08	531.7
1981 ...	1,550	103,000	73	7,569	1.34	10,178	113.6	5.02	570.7
1982 ...	1,600	108,000	72	7,789	1.34	10,475	116.8	4.16	488.0
1983 ...	1,700	111,000	66	7,301	1.30	9,496	109.5	3.67	402.0
1984 ...	1,750	116,000	68	7,888	1.10	8,700	118.3	3.74	443.7
1985 ...	1,350	120,000	73	8,727	1.21	10,560	130.9	3.74	489.6
1986 ...	1,300	110,000	73	7,983	1.10	8,800	119.7	2.75	330.0
1987 ...	1,300	109,000	73	7,957	0.88	6,976	119.4	2.75	327.0
1988 ...	1,200	88,000	84	7,392	0.88	6,512	110.8	2.97	329.7
1989 ...	1,100	87,000	64	5,568	0.99	5,481	83.5	2.75	228.4
1990 ...	1,050	83,000	66	5,478	1.21	6,619	82.2	2.75	225.7
1991 ...	1,000	76,000	86	6,550	1.23	8,086	98.3	2.75	270.8
1992 ...	800	75,500	75	5,651	1.28	7,226	84.9	2.75	233.6
1993 ...	800	85,000	61	5,205	1.28	6,656	78.1	2.97	232.4
1994 ...	800	81,000	75	6,075	1.37	8,286	90.9	4.07	370.9
1995 ...	800	83,000	77	6,400	1.98	12,690	96.0	7.15	687.4
1996 ...	800	75,000	64	4,763	2.75	13,125	71.5	7.15	511.9
1997 ...	800	83,000	68	5,700	2.42	13,750	85.2	5.50	468.8
1998 ...	855	88,000	104	9,181	1.87	17,204	137.7	4.62	637.6
1999 ...	855	92,000	82	7,511	1.65	12,420	112.7	4.96	558.9
2000 ...	860	95,000	64	6,033	1.65	9,975	88.5	3.97	351.0
2001 ...	800	92,000	77	7,094	2.36	16,740	106.4	4.41	469.0
2002 ...	800	87,000	75	6,511	4.41	28,710	97.7	4.08	398.5

SOURCE: Statistics Canada; Manitoba Agriculture and Food.

PROCESSING

TABLE 139: Historical Value of Shipments for Food and Beverage Processing Industries (Total Activity)

	1995	1996	1997	1998	1999	2000[R]	2001[R]	2002[P]
	- million dollars -							
Food Industries	1,890.5	2,151.0	2,349.5	2,369.5	2,387.8	2,659.0	2,686.5	2,800.0
Meat & Meat Products (excluding poultry)	391.9	423.6	520.1	579.7	602.6	1,043.6	983.8	NA
Poultry Products	121.0	121.3	121.4	121.4	139.3	NA	NA	NA
Fish Products	NA	NA	NA	NA	NA	NA	NA	NA
Fruit & Vegetables	NA	NA	NA	NA	NA	NA	NA	NA
Dairy Products	285.7	NA	360.9	NA	NA	NA	NA	NA
Fluid Milk	NA	NA	165.1	175.6	NA	173.0	153.9	NA
Butter, Cheese, Dry Milk	84.3	200.3	NA	NA	NA	NA	NA	NA
Ice Cream, Frozen Dessert	NA	NA	NA	25.9	26.3	23.0	24.3	NA
Grain & Oilseed Milling (excluding corn oil)	NA	NA	NA	NA	366.0	263.8	319.1	NA
Flour, Cereal Food and Feed	261.7	368.2	NA	NA	NA	NA	NA	NA
Animal Food	211.9	NA	357.6	258.4	312.6	381.4	360.5	NA
Bakery Products	NA	NA	NA	NA	NA	NA	NA	NA
Bread and Other Bakery Products	95.1	88.4	82.2	NA	79.2	NA	NA	NA
Dry Pasta	NA	NA	0.5	0.5	NA	NA	3.4	NA
Sugar Confectionery	2.6	NA	NA	NA	NA	4.5	6.9	NA
Other Food Products	215.4	NA	NA	NA	NA	NA	NA	NA
Beverage Industries	256.9	173.8	208.0	227.0	204.0	215.1	225.0	220.0
TOTAL FOOD & BEVERAGE INDUSTRIES	2,147.4	2,324.8	2,557.5	2,596.5	2,591.8	2,874.1	2,911.5	3,020.0
% of Total Manufacturing Industries	23.5	23.7	24.1	22.8	22.5	23.4	23.9	24.0

SOURCE: Manufacturing, Constructional and Energy Division, Statistics Canada.

TABLE 140: Historical Value Added for Food and Beverage Processing Industries (Total Activity)

	1995	1996	1997	1998	1999	2000[R]	2001[R]	2002[P]
	- million dollars -							
Food Industries	514.8	532.0	677.4	687.6	583.8	854.3	713.6	
Meat & Meat Products (excluding poultry)	126.2	121.1	156.6	208.0	133.2	358.4	243.4	
Poultry Products	33.0	35.0	22.4	32.1	47.5	NA	NA	
Fish Products	NA	NA	NA	NA	NA	NA	NA	
Fruit & Vegetables	NA	NA	NA	NA	NA	NA	NA	
Dairy Products	64.0	NA	75.9	NA	NA	NA	NA	
Fluid Milk	NA	NA	40.0	48.5	NA	48.7	33.1	
Butter, Cheese, Dry Milk	14.3	33.8	NA	NA	NA	NA	NA	
Ice Cream, Frozen Dessert	NA	NA	NA	6.4	9.4	6.3	1.8	
Grain & Oilseed Milling (excluding corn oil)	NA	NA	NA	NA	43.2	17.4	66.8	
Flour, Cereal Food and Feed	56.6	85.0	NA	NA	NA	NA	NA	
Animal Food	42.1	NA	70.9	NA	60.3	96.7	73.4	
Bakery Products	NA	NA	NA	NA	NA	NA	NA	
Bread and Other Bakery Products	55.1	52.8	48.8	NA	47.5	NA	NA	
Dry Pasta	NA	NA	0.1	0.2	NA	NA	0.6	
Sugar Confectionery	1.4	NA	NA	NA	NA	2.7	3.6	
Other Food Products	64.7	NA	NA	NA	NA	NA	NA	
Beverage Industries	75.4	45.8	72.8	80.0	NA	NA	78.2	
TOTAL FOOD & BEVERAGE INDUSTRIES	590.2	577.8	750.2	767.6	NA	NA	791.8	NA
% of Total Manufacturing Industries	15.0	14.4	16.0	NA	NA	NA	15.3	NA

SOURCE: Manufacturing, Constructional and Energy Division, Statistics Canada.

NOT AVAILABLE

TRADE

TABLE 141: Historical Agri-Food Exports by Commodity Group

Commodity Groups	1995	1996	1997	1998	1999	2000[R]	2001[R]	2002[P]
	thousand dollars							
Live Animals	224,294	356,466	405,084	414,281	362,551	413,068	528,342	542,338
Meat and Edible Meat Offal	85,744	82,969	156,650	192,526	228,604	386,872	509,341	483,309
Dairy Products, Eggs & Honey	20,115	14,715	16,440	19,410	23,623	25,407	28,777	50,528
Other Animal Products	922	2,801	2,180	2,838	5,231	5,806	8,181	7,817
Live Tree, Plant, Flowers, etc.	203	346	407	709	1,059	954	1,212	994
Edible Veg., Roots & Tubers	90,611	94,278	115,631	100,167	124,524	125,722	166,422	152,486
Fruit & Nuts	67	16	2	3	0	58	56	235
Coffee, Tea & Spices	12,033	12,057	7,650	7,323	5,756	3,293	2,188	1,421
Grains, Unprocessed	624,857	845,125	991,933	575,751	574,838	646,640	870,117	608,683
Grains, Semi-processed	39,147	44,553	48,702	47,106	55,583	55,125	74,744	81,828
Oilseeds	513,769	422,278	500,069	673,677	509,392	391,421	450,979	419,294
Lac; Gums, Resins & Other Vegetable Saps & Extracts	6	16	6	22	6	12	188	123
Vegetable Products n.e.s.	0	0	0	0	0	60	78	11
Animal/vegetable Fats & Oils	110,214	227,303	209,980	497,312	247,260	120,687	116,206	140,734
Preparations of Meat (excludes fish)	1,437	967	4,011	10,687	17,792	16,704	12,991	9,249
Sugars and Sugar Confectionery	13,197	6,291	1,350	799	647	1,123	1,422	1,136
Cocoa and Cocoa Preparations	82	564	570	293	171	687	727	323
Preparations of Grains	1,557	5,223	7,093	10,495	9,889	6,772	11,007	11,098
Preparations of Veg., Fruit & Nut	10,683	35,862	87,479	140,540	143,623	127,755	142,375	161,876
Miscellaneous Edible Preparations	2,233	948	881	1,011	1,954	1,286	1,029	2,444
Beverages, Spirits & Vinegar	2,983	1,081	73	2,071	4,271	4,624	3,964	1,413
Food Residues, Waste, Fodder	57,631	77,086	89,550	73,489	55,400	38,588	36,931	53,658
Tobacco & Substitutes	0	0	0	27	0	12	0	0
Essential Oils	48	0	0	0	0	0	12	0
Caseins & Albumins	4,284	6,370	6,932	8,828	11,107	9,267	9,758	7,775
Raw Hides, Skins & Leather	836	546	529	578	610	801	392	404
Furskins	419	327	960	767	2,430	1,656	571	318
Wool, Fine/coarse Animal Hair	3	0	4	0	0	0	0	0
Other Vegetable Textile Fibres	18,601	27,403	26,171	30,687	27,295	23,311	21,139	11,064
TOTAL EXPORTS*	**1,835,975**	**2,265,594**	**2,680,336**	**2,811,396**	**2,413,617**	**2,407,713**	**2,999,145**	**2,750,556**

* Totals may not add due to rounding.
SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada.

TABLE 142: Historical Agri-Food Imports by Commodity Group

Commodity Groups	1995	1996	1997	1998	1999	2000	2001[R]	2002[P]
	thousand dollars							
Live Animals	4,240	4,436	4,876	5,012	5,231	7,272	7,710	5,214
Meat and Edible Meat Offal	16,340	15,620	17,765	23,092	23,982	34,811	36,596	44,356
Dairy Products, Eggs & Honey	8,902	17,546	15,243	17,552	15,332	13,454	21,149	18,027
Other Animal Products	6,899	6,675	7,120	5,732	7,268	7,638	9,113	11,213
Live Tree, Plant, Flowers, etc.	11,804	10,864	11,985	14,437	14,687	15,614	19,340	22,912
Edible Veg., Roots & Tubers	39,726	31,110	32,259	41,839	56,484	49,920	50,450	61,360
Fruit & Nuts	48,867	44,033	41,228	44,953	51,815	47,647	51,001	50,091
Coffee, Tea and Spices	15,206	5,483	9,541	8,933	3,114	2,274	5,765	4,986
Grains, Unprocessed	34,060	27,141	22,978	29,806	39,535	33,229	41,909	140,565
Grains, Semi-processed	2,704	5,368	2,432	1,722	1,554	2,274	2,884	2,385
Oilseeds	23,614	31,909	52,685	58,545	74,277	62,508	82,254	113,539
Lac; Gums, Resins & Other Vegetable Saps & Extracts	385	505	783	888	1,601	2,016	2,498	1,798
Vegetable Products n.e.s.	454	383	446	511	652	597	601	576
Animal/vegetable Fats & Oils	7,588	9,561	13,066	19,483	19,475	16,052	21,284	21,106
Preparations of Meat (excludes fish)	28,117	32,041	29,623	31,028	29,548	20,748	29,611	31,200
Sugars and Sugar Confectionery	16,788	10,613	23,313	28,824	25,885	29,376	30,609	29,676
Cocoa and Cocoa Preparations	5,916	6,193	7,960	7,741	7,754	8,147	9,188	9,968
Preparations of Grains	26,471	29,356	42,249	60,599	67,149	68,612	64,210	77,656
Preparations of Vegetables, Fruit & Nuts	17,516	22,129	26,644	33,176	25,834	21,268	23,221	24,178
Miscellaneous Edible Preparations	28,560	32,125	34,198	42,448	40,843	46,825	40,967	45,038
Beverages, Spirits & Vinegar	26,622	21,476	28,610	29,575	37,147	38,550	36,983	40,159
Food Residues, Waste, Fodder	79,869	88,458	81,357	85,500	87,530	104,248	118,287	136,557
Tobacco and Substitutes	10,809	11,367	4,564	603	1,112	169	197	364
Essential Oils	2,079	1,890	2,406	2,131	3,050	7,524	7,569	20,796
Caseins & Albumins	1,496	3,185	3,253	2,726	3,130	3,343	4,610	5,736
Natural Rubber (excludes synthetic)	7	8	13	83	35	32	35	14
Raw Hides & Skins (excludes mfg. leather)	21,958	22,239	26,426	16,733	17,060	19,661	9,449	12,111
Furskins (excludes finished furs)	10,255	12,471	13,983	25,859	12,163	5,480	7,807	8,771
Wool, Fine/coarse Animal Hair, raw	4	26	89	12	17	39	5	1
Cotton, raw (excludes textiles)	470	58	85	29	102	176	309	
Other Vegetable Fibres	39	57	93	115	170	302	763	91
TOTAL IMPORTS*	**497,765**	**504,328**	**557,274**	**639,687**	**673,538**	**669,806**	**736,374**	**941,28**

* Totals may not add due to rounding. Totals include Canadian re-imports.
SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada.

TABLE 143: Historical Agri-Food Exports by Country

Countries	1996	1997	1998	1999	2000[R]	2001[R]	2002[P]
	thousand dollars						
Afghanistan	41	887	0	0	0	39	0
Albania	0	0	99	0	0	153	0
Algeria	14,670	35,766	13,593	14,858	7,879	6,210	11,256
Angola	297	226	95	558	1,968	336	1,212
Antigua-Barbuda	0	0	71	0	0	0	0
Argentina	1,393	1,345	1,234	1,332	2,101	1,309	1,641
Armenia	0	16	112	34	0	0	22
Australia	813	4,472	3,422	4,156	7,327	16,650	23,287
Austria	95	281	213	75	66	182	129
Azerbaijan	7	0	0	0	0	0	11
Bahamas	0	0	0	0	47	51	0
Bahrain	0	15	0	569	0	32	0
Bangladesh	6,033	8,011	4,557	7,275	3,700	11,248	6,647
Barbados	93	172	22	57	619	107	131
Belarus	0	0	0	0	0	0	25
Belgium	72,464	85,918	64,421	45,551	44,234	64,368	86,496
Belize	80	0	0	0	0	0	6
Benin	0	0	0	0	0	0	16
Bermuda	37	24	50	0	8	7	16
Bolivia	2,091	2,305	476	436	1,763	630	156
Bosnia'herzegovia	0	646	0	0	0	0	0
Botswana	0	0	0	0	278	255	0
Brazil	54,480	34,324	16,777	9,696	7,869	4,930	9,205
Bulgaria	0	12	40	10	47	984	392
Burkina Faso	0	0	5	0	0	0	0
Burundi	17	0	42	0	0	0	0
Cameroon	1,986	0	1,676	1,609	2,570	5,796	2,410
Cape Verde	0	11	13	0	0	0	0
Cayman Islands	0	0	0	0	0	0	40
Chile	24,500	10,446	4,038	6,278	7,400	4,690	1,829
China	205,871	110,995	190,081	149,699	92,301	142,136	27,237
Colombia	32,154	29,309	24,793	20,119	20,066	32,438	27,336
Congo	0	0	0	0	0	51	0
Congo Dem. Rep.	0	0	0	190	269	126	290
Costa Rica	754	1,816	376	1,864	3,121	794	449
Côte-d'Ivoire	17	0	892	226	1,199	746	1,575
Croatia	63	0	22	26	34	83	7
Cuba	2,701	13,428	10,549	20,279	6,488	14,457	8,308
Cyprus	173	0	1,083	593	561	934	748
Czech Republic	15	122	42	174	155	202	324
Denmark	397	200	494	392	435	468	1,215
Djibouti	0	320	0	421	0	0	21
Dominica	11	0	0	0	0	0	0
Dominican Republic	414	1,386	595	940	1,646	1,364	1,219
Ecuador	4,182	3,896	10,602	7,442	9,527	14,373	10,767
Egypt	2,081	3,087	3,608	5,110	5,071	17,318	5,508
El Salvador	0	770	823	72	104	561	130
Eritrea	0	0	0	0	925	35	0
Estonia	0	38	19	0	0	160	116
Ethiopia	368	1,506	422	1,661	919	772	81
Fiji	279	797	0	205	0	0	0
Finland	369	237	384	541	208	137	931
Former Yugoslavia	0	168	0	15	0	0	0
France	4,399	912	1,413	2,311	2,905	3,703	2,607
Gambia	0	0	0	0	0	0	21
Georgia	7	1	27	286	48	376	249

Countries	1996	1997	1998	1999	2000[R]	2001[R]	2002[P]
	thousand dollars						
Germany	30,912	19,764	18,464	13,714	10,352	7,326	7,611
Ghana	504	6,206	4,767	2,352	5,601	8,331	9,827
Greece	2,149	2,119	3,482	3,747	4,219	5,940	3,399
Grenada	0	26	231	0	0	0	0
Guadeloupe	45	11	0	0	0	0	0
Guatemala	5,729	7,475	12,967	14,772	10,685	16,652	9,562
Guinea	358	234	153	395	77	96	312
Guyana	213	232	333	499	272	678	513
Haiti	274	281	216	2,937	638	726	831
Honduras	499	0	46	264	210	142	285
Hong Kong	14,625	4,156	203,466	26,878	16,439	11,911	982
Hungary	75	0	262	0	79	237	31
Iceland	201	0	0	0	91	106	54
India	6,110	20,939	12,954	43,256	2,636	33,111	11,875
Indonesia	61,564	65,967	36,852	21,255	26,693	30,472	29,800
Iran, Islamic Republic	59,938	114,841	24,774	57,295	94,508	89,160	12,269
Iraq	0	0	0	6,700	11,918	0	0
Ireland	2,507	2,491	1,442	1,725	5,534	2,298	1,102
Israel	1,490	290	1,412	866	1,847	862	1,212
Italy	18,821	24,511	21,215	14,175	14,905	15,089	22,637
Jamaica	268	243	438	467	893	9,784	10,100
Japan	324,720	402,440	378,034	356,502	334,148	427,330	450,089
Jordan	150	13	0	320	533	1,303	1,091
Kenya	3,181	5,263	2,290	560	553	747	694
Korea, North	0	969	566	116	4,029	0	279
Korea, South	39,344	59,237	15,335	16,942	14,273	33,909	19,970
Kuwait	323	0	20	317	329	180	16
Latvia	11	0	0	24	178	72	61
Lebanon	250	2,221	1,270	2,270	1,165	1,341	862
Liberia	1,216	157	294	498	0	159	0
Libyan Arab Jam.	5,010	7,798	173	1,096	92	65	377
Lithuania	0	0	0	24	0	0	0
Luxembourg	22	0	57	29	12	131	0
Macau	55	88	120	0	17	0	0
Macedonia	0	0	78	0	0	0	37
Madagascar	0	0	0	0	27	0	0
Malawi	0	0	151	413	0	0	217
Malaysia	5,119	13,841	42,392	21,968	10,464	8,812	11,456
Maldives	0	0	29	0	0	0	0
Mali	534	167	0	0	0	0	0
Malta	87	481	541	370	292	377	555
Martinique	0	0	0	0	0	0	0
Mauritania	0	69	0	0	441	0	0
Mauritius	258	66	52	70	77	70	13
Mexico	81,472	83,403	130,980	98,528	117,214	170,699	131,327
Moldova	0	0	0	0	0	0	0
Morocco	3,058	7,631	11,125	8,168	11,312	12,321	4,821
Mozambique	1,848	939	1,577	925	304	1,951	985
Namibia	0	0	697	795	553	0	0
Nepal	0	0	0	78	61	0	0
Netherlands	24,038	24,589	35,305	21,575	12,518	18,038	10,714
Neth. Antilles	6	0	76	48	0	11	0
New Caledonia	3	0	0	0	0	3	0
New Zealand	2,624	12,662	5,041	4,690	4,343	6,677	6,579
Nicaragua	15	104	4,287	236	369	203	4
Nigeria	1,392	10,913	6,678	1,198	6,367	15,280	11,822
Norway	468	1,643	169	1,671	610	133	1,265
Pakistan	30	4,051	1,147	1,431	349	1,232	123

Countries	1996	1997	1998	1999	2000[R]	2001[R]	2002[P]
	thousand dollars						
Panama	372	375	545	484	758	1,012	870
Papua, New Guinea	0	0	0	0	0	0	0
Paraguay	0	0	0	0	0	85	0
Peru	4,232	23,237	10,247	8,925	14,972	13,698	11,658
Philippines	5,825	21,561	13,166	16,243	21,541	38,310	23,249
Poland	4,768	377	2,017	587	184	413	181
Portugal	1,446	672	12,876	1,588	1,981	1,785	2,686
Qatar	0	0	30	61	64	101	119
Reunion	0	11	51	0	0	0	0
Romania	0	0	3,714	33	123	26	255
Russia	1,470	2,279	473	363	1,018	6,760	4,923
Rwanda	1,858	319	300	0	0	0	0
Saint Lucia	88	56	14	13	12	0	49
Sao Tome Prn.	13	0	0	0	0	0	0
Saudi Arabia	15,126	21,103	1,593	737	3,105	4,309	362
Senegal	0	0	1,516	207	295	1,283	1,339
Seychelles	0	0	0	0	0	0	45
Sierra Leone	0	291	356	263	37	212	311
Singapore	701	440	152	658	1,324	2,290	893
Slovakia	20	0	0	0	62	108	169
Slovenia	13	0	0	797	31	22	136
Somalia	0	0	0	0	0	338	0
South Africa	2,998	7,456	9,794	4,343	7,977	1,306	5,352
Spain	17,003	43,291	32,188	28,883	24,334	33,209	6,555
Sri Lanka	4,582	5,363	1,823	5,836	5,113	2,516	0
St. Pierre-Miquelon.	0	0	0	0	0	0	*
St. Vincent Gren.	0	0	0	0	0	0	6
Sudan	724	3,119	4,513	1,055	1,131	9,454	8,519
Surinam	83	17	49	0	45	87	72
Swaziland	0	0	456	601	191	0	0
Sweden	323	342	578	455	228	575	730
Switzerland	3,273	1,094	3,284	1,616	1,462	1,355	1,941
Syrian Arab. Republic	0	0	19	0	0	0	0
Taiwan	3,232	3,406	28,808	9,603	6,111	3,768	6,399
Tanzania, Un. Rep.	1,305	1,065	1,793	644	250	549	651
Thailand	10,024	6,124	3,158	6,072	5,798	12,095	10,472
Togo	0	911	2,660	2,575	1,468	4,327	2,259
Trinidad-Tobago	1,537	1,546	2,018	2,252	1,704	1,656	986
Tunisia	62	3,971	199	218	123	792	2,848
Turkey	2,258	11,899	2,681	6,164	7,591	2,025	835
U.S. Outlying Islands	0	0	0	0	0	0	43
Uganda	0	0	0	473	0	0	0
Ukraine	15	0	0	22	7	0	5
United Arab Emir.	1	5,618	5,376	6,807	9,115	10,226	6,774
United Kingdom	16,143	20,026	22,147	31,836	20,217	21,263	32,932
United States	1,002,131	1,206,870	1,281,525	1,187,370	1,284,044	1,500,338	1,577,093
Uruguay	71	169	207	347	723	338	280
Venezuela	28,213	24,296	21,024	26,898	21,481	35,951	26,526
Vietnam	0	635	649	1,367	0	2,464	1,855
Yemen	0	0	210	0	0	912	60
Zaire	809	0	0	0	0	0	0
Zambia	0	0	0	0	0	6	0
Zimbabwe	0	0	48	0	0	0	298
TOTAL	**2,265,594**	**2,680,336**	**2,811,396**	**2,413,617**	**2,407,713**	**2,999,145**	**2,750,556**

SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada.

TABLE 144: Historical Agri-Food Exports by States

State	1996	1997	1998	1999	2000[R]	2001[R]	2002[P]
	thousand dollars						
Alabama	1,547	1,678	676	915	1,557	5,313	6,033
Alaska	31	71	128	113	360	68	18
Arizona	884	663	931	1,266	1,748	1,525	1,827
Arkansas	857	1,771	1,760	1,594	2,826	8,831	12,822
California	45,190	53,950	81,917	73,737	67,651	81,987	85,655
Colorado	2,590	1,946	4,599	5,687	9,670	14,731	14,432
Connecticut	3,110	3,017	3,664	2,521	2,556	2,910	3,428
Delaware	54	70	598	650	652	644	240
Dist. of Columbia	146	1,945	4,036	4,194	445	376	11
Florida	3,580	6,963	5,401	9,751	14,047	34,688	23,629
Georgia	12,320	18,007	8,939	9,464	5,022	10,609	13,440
Hawaii	2,044	1,211	1,158	1,088	1,349	148	2,075
Idaho	5,355	5,298	13,200	5,091	4,312	4,838	7,143
Illinois	69,567	107,724	96,762	111,839	123,961	126,765	122,421
Indiana	5,886	2,649	7,764	7,142	5,927	3,867	5,996
Iowa	50,822	77,402	76,503	74,145	102,314	106,514	146,646
Kansas	6,379	1,896	2,144	3,252	3,824	4,221	4,522
Kentucky	4,428	4,392	7,413	5,472	7,233	8,474	8,439
Louisiana	3,324	3,180	2,956	2,877	7,177	14,742	15,494
Maine	962	973	1,474	1,825	6,471	33,806	41,162
Maryland	1,624	1,569	1,130	1,106	828	783	1,302
Massachusetts	4,836	7,383	6,653	2,158	1,612	3,474	7,612
Michigan	10,404	20,454	28,691	28,958	23,268	25,110	27,093
Minnesota	212,121	245,185	193,030	153,409	149,493	186,805	210,748
Mississippi	31	980	442	109	40	147	312
Missouri	14,778	17,507	20,501	20,243	13,712	15,808	21,190
Montana	6,948	12,163	6,700	4,764	4,565	5,823	6,840
Nebraska	64,020	93,146	132,380	113,280	119,756	161,838	150,612
Nevada	2,069	3,687	1,641	410	388	172	474
New Hampshire	986	1,985	1,913	2,258	1,437	1,761	1,973
New Jersey	28,882	22,208	22,798	26,208	30,689	26,354	20,864
New Mexico	77	126	663	193	150	241	306
New York	17,018	26,826	19,890	19,931	35,442	30,581	38,443
North Carolina	12,351	16,245	18,127	15,324	9,900	13,966	8,441
North Dakota	93,206	110,457	105,879	64,948	49,430	64,483	73,304
Ohio	52,674	43,245	52,477	39,901	41,089	48,282	49,711
Oklahoma	1,706	1,411	2,860	2,101	3,519	3,809	3,388
Oregon	6,918	10,533	9,938	9,695	14,537	16,732	14,039
Pennsylvania	10,278	11,696	15,435	16,612	25,507	36,425	32,910
Puerto Rico	5,892	5,250	9,780	5,304	8,212	4,498	4,890
Rhode Island	427	348	90	208	1,040	259	315
South Carolina	411	412	417	471	1,597	7,260	12,510
South Dakota	103,107	78,079	69,577	91,260	95,675	101,263	97,944
Tennessee	32,478	32,756	39,545	40,436	41,039	45,712	69,604
Texas	25,060	18,191	21,469	23,945	35,526	37,247	27,697
U.S. Virgin Islands	2	120	0	2,409	0	0	0
Utah	1,091	967	1,069	1,668	1,581	1,780	3,013
Vermont	413	537	642	651	575	741	1,175
Virginia	1,378	18,287	39,286	40,211	41,102	12,046	13,908
Washington, state	8,455	10,015	10,639	10,299	17,210	23,069	20,992
West Virginia	0	7	1	10	2	181	152
Wisconsin	63,289	99,844	123,356	125,658	145,636	158,338	139,832
Wyoming	124	444	413	611	385	292	66
States not specified	4	0	2,070	0	0	0	0
TOTAL UNITED STATES	**1,002,131**	**1,206,870**	**1,281,525**	**1,187,370**	**1,284,044**	**1,500,338**	**1,577,093**

SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada

TABLE 145: Historical Agri-Food Imports by Country

Countries	1996	1997	1998	1999	2000[R]	2001[P]	2002[P]
	thousand dollars						
Afghanistan	0	*	0	13	4	4	2
Albania	1	4	3	9	5	7	9
American Samoa	0	8	2	0	0	0	0
Antigua-Barbuda	0	1	0	25	0	0	*
Argentina	989	1,240	1,637	2,238	1,229	1,224	1,428
Australia	664	912	1,227	1,332	1,829	3,144	4,102
Austria	42	12	22	100	24	35	32
Azerbaijan	0	1	0	0	0	19	0
Bahamas	0	0	0	*	0	5	368
Bangladesh	0	0	0	*	0	1	*
Barbados	26	24	24	13	0	0	0
Belarus	0	0	0	*	0	0	0
Belgium	167	124	133	238	238	344	128
Belize	1	7	3	2	1	2	22
Bermuda	2	0	*	0	2	13	22
Bolivia	9	0	0	0	5	20	0
Bosnia'herzegovia	0	0	0	0	8	0	0
Botswana	0	0	*	0	0	0	0
Brazil	527	1,259	1,412	2,641	1,726	1,132	881
Brunei Darussalam	0	0	2	0	0	0	0
Bulgaria	1	2	3	3	4	1	60
Burundi	0	0	*	0	0	0	0
Cameroon	0	1	0	0	0	0	2
Cayman Islands	0	0	*	3	2	6	1
Chile	4,110	3,611	3,224	6,501	7,653	8,706	7,898
China	122	263	385	310	421	575	795
Colombia	10,739	13,560	15,569	9,722	9,636	10,742	15,144
Comoros	0	0	0	*	0	259	0
Congo	0	*	0	0	0	0	0
Cook Islands	0	0	1	0	0	0	0
Costa Rica	2,976	4,069	2,940	2,014	509	458	594
Côte-d'Ivoire	0	0	24	72	0	2	6
Croatia	3	0	7	4	4	0	0
Cuba	0	2	3	2	0	0	0
Cyprus	0	0	0	120	*	*	0
Czech Republic	6	10	10	21	47	11	35
Denmark	1,979	541	54	316	1,096	931	1,335
Dominica	50	*	*	0	11	4	13
Dominican Republic	33	42	37	97	104	43	193
Ecuador	1,768	1,435	2,857	3,882	3,721	4,295	5,270
Egypt	4	37	3	4	6	69	66
El Salvador	115	5	318	61	*	36	33
Ethiopia	156	*	151	*	82	368	348
Fiji	0	0	0	0	*	0	0
Finland	78	212	22	180	53	122	172
France	3,520	3,404	3,643	4,367	3,642	3,675	4,567
Gabon	0	0	19	31	16	1	11
Gambia	0	0	0	0	*	0	0
Georgia	*	*	0	0	0	0	0
Germany	1,961	1,780	1,966	3,192	1,811	1,564	1,392
Greece	197	510	468	198	238	296	111
Grenada	0	0	*	4	0	0	0

Countries	1996	1997	1998	1999	2000[R]	2001[P]	2002[P]
	thousand dollars						
Guam	7	3	2	0	51	100	13
Guatemala	1,809	2,321	2,415	1,427	2,819	3,214	5,497
Guinea	*	0	0	0	0	0	0
Guyana	9	0	0	0	0	0	*
Haiti	4	9	3	6	0	0	0
Honduras	296	810	897	1,109	445	914	702
Hong Kong	115	40	46	58	7	3	5
Hungary	92	80	84	61	49	69	53
Iceland	0	1	1	3	6	313	2
India	223	496	146	134	370	1,221	1,788
Indonesia	3	190	37	203	254	439	490
Iran, Islamic Republic	219	41	184	227	98	*	*
Ireland	953	967	1,004	1,257	1,180	1,241	1,439
Israel	83	34	25	158	46	64	143
Italy	2,566	2,718	2,507	3,805	2,954	3,202	3,707
Jamaica	136	99	59	47	57	65	90
Japan	584	261	404	504	395	877	781
Kenya	*	2	*	*	3	98	6
Korea, South	23	7	5	49	4	5	25
Lebanon	0	*	0	0	39	2	0
Lithuania	0	0	*	1	1	*	0
Macau	0	0	0	0	0	0	0
Macedonia	0	3	2	0	5	0	*
Madagascar	1	4	2	12	13	12	6
Malawi	0	38	0	0	2	6	5
Malaysia	1	2	19	1	*	4	18
Mali	0	7	0	0	0	0	0
Malta	*	0	0	1	0	0	0
Martinique	0	0	4	0	0	0	0
Mexico	10,036	10,303	11,996	13,317	13,967	15,016	15,451
Mongolia	0	0	0	0	0	0	0
Morocco	1	6	4	85	*	722	101
Mozambique	0	0	0	0	0	0	0
Myanmar	19	22	97	27	25	91	21
Namibia	0	0	0	0	1	0	*
Nepal	1	0	0	*	0	0	*
Neth. Antilles	7	0	86	10	0	0	0
Netherlands	796	924	1,257	1,733	1,367	1,396	1,799
New Caledonia	3	0	0	0	0	0	0
New Zealand	861	622	604	3,025	1,513	2,752	1,833
Nicaragua	100	135	73	299	17	33	112
Niger	0	*	1	0	5	0	0
Nigeria	14	0	*	1	22	*	0
Norway	5	3	23	0	2	0	95
Pakistan	44	2	10	2	0	*	2
Panama	2	67	45	47	10	19	1
Papua, New Guinea	0	*	0	0	0	0	0
Paraguay	26	23	53	33	29	14	15
Peru	7	13	125	104	301	1,118	2,072
Philippines	56	86	75	92	35	45	91
Pitcairn Island	6	267	166	48	0	0	0
Poland	20	60	102	185	166	142	196
Portugal	257	350	385	382	297	370	341

Countries	1996	1997	1998	1999	2000[R]	2001[P]	2002[P]
	thousand dollars						
Romania	5	18	13	7	12	11	16
Russia	19	37	31	87	229	91	137
Saint Lucia	0	0	0	0	1	0	0
Saudi Arabia	88	2	60	48	0	0	0
Senegal	1	0	0	0	0	0	0
Seychelles	0	0	*	0	0	0	0
Sierra Leone	1	0	0	0	0	0	0
Singapore	58	0	46	5	10	0	57
Slovakia	0	0	6	0	0	0	0
Slovenia	1	2	4	9	2	*	1
Somalia	0	0	0	0	0	0	0
South Africa	1,598	738	1,274	3,130	399	2,431	1,370
Spain	483	530	771	1,588	948	896	834
Sri Lanka	5	5	13	14	9	11	50
St. Vincent Gren.	0	0	*	0	0	0	0
Sudan	0	0	0	0	0	0	0
Surinam	0	0	*	0	0	0	0
Sweden	176	163	413	245	181	271	434
Switzerland	172	44	31	170	172	264	378
Syria Arab. Rep.	0	0	0	0	*	0	0
Taiwan	116	143	53	95	125	108	75
Tanzania, Un. Rep.	81	0	1	1	2	2	2
Thailand	496	474	461	476	313	218	204
Tokelau	0	5	0	0	0	0	0
Trinidad-Tobago	0	0	*	*	0	0	0
Tunisia	0	0	*	*	0	*	*
Turkey	44	125	28	97	9	188	178
Ukraine	0	0	11	165	103	9	1
United Kingdom	3,668	4,674	3,467	4,241	3,297	2,972	3,574
United States	447,604	495,560	572,979	596,074	602,580	655,697	851,562
U.S. Outlying Islands	0	10	0	0	0	0	0
Uruguay	0	113	314	514	74	135	70
Venezuela	1	4	11	1	*	*	0
Vietnam	55	0	0	1	*	0	21
Yemen	19	*	*	0	0	0	0
Zaire	0	14	0	0	0	0	0
Zimbabwe	0	0	0	0	0	0	*
TOTAL	**504,324**	**556,752**	**639,101**	**673,137**	**669,147**	**734,987**	**940,904**

* Less than $500.
NOTE: Totals do not include Canadian re-imports.
SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada

TABLE 146: Historical Agri-Food Imports by States

State	1996	1997	1998	1999[R]	2000[R]	2001[R]	2002[P]
	thousand dollars						
Alabama	1,885	3,970	4,482	2,724	2,689	6,994	5,808
Alaska	203	279	72	27	17	86	43
Arizona	1,362	1,823	552	3,590	4,700	2,549	2,830
Arkansas	8,965	10,948	10,721	7,808	7,401	7,808	9,075
California	49,028	53,810	62,205	58,309	60,061	62,059	54,031
Colorado	2,868	5,656	4,977	6,081	7,410	4,355	5,635
Connecticut	1,762	1,262	2,656	405	1,708	4,857	4,916
Delaware	6	252	61	133	7	27	150
Dist. of Columbia	57	769	999	671	6,151	3,577	413
Florida	12,103	15,069	20,472	22,874	22,328	22,762	27,511
Georgia	1,616	3,244	3,229	3,863	9,783	12,088	9,909
Hawaii	167	111	153	168	239	252	341
Idaho	7,527	2,867	3,708	5,065	2,756	2,634	7,569
Illinois	52,074	51,424	47,576	52,517	53,039	61,553	71,264
Indiana	4,700	7,287	6,390	6,609	6,984	6,656	10,797
Iowa	26,971	21,349	29,791	29,564	24,623	31,909	32,283
Kansas	11,937	15,105	12,037	13,432	8,228	6,119	6,360
Kentucky	10,887	5,936	6,041	4,153	4,476	4,607	5,994
Louisiana	511	708	917	591	1,025	1,166	1,206
Maine	3,213	1,858	357	217	577	576	792
Maryland	462	565	1,349	988	1,421	1,152	1,785
Massachusetts	688	2,391	1,304	4,392	6,794	5,939	2,007
Michigan	5,204	6,211	9,300	9,989	10,527	8,066	6,969
Minnesota	98,944	112,367	123,793	131,048	125,147	129,228	214,070
Mississippi	297	654	840	1,496	436	982	246
Missouri	14,837	12,871	18,198	18,590	19,396	12,086	33,264
Montana	176	298	454	781	499	634	510
Nebraska	10,243	12,595	17,081	15,778	14,546	13,067	16,826
Nevada	31	27	299	972	2,283	1,078	292
New Hampshire	30	1	2	20	59	288	2
New Jersey	9,000	9,795	14,978	5,566	7,012	13,233	12,829
New Mexico	79	54	26	118	234	73	36
New York	4,954	4,255	7,459	7,806	15,139	13,385	9,657
North Carolina	1,499	1,320	1,635	1,164	2,570	3,476	1,309
North Dakota	35,550	42,811	72,543	86,123	60,215	81,765	147,947
Ohio	4,292	8,075	7,409	10,097	12,633	14,939	12,865
Oklahoma	623	1,027	1,940	1,519	1,038	1,181	2,007
Oregon	1,348	1,328	1,141	2,478	4,267	4,473	4,642
Pennsylvania	2,237	2,680	3,974	4,625	4,362	4,811	4,402
Puerto Rico	3	*	2	1	1	55	3
Rhode Island	18	9	2	4	7	5	5
South Carolina	419	620	584	689	452	653	285
South Dakota	7,971	24,089	23,900	23,115	40,257	39,083	50,965
Tennessee	1,303	1,816	1,738	4,207	6,617	6,456	5,841
Texas	15,244	8,027	6,435	5,696	6,894	9,914	11,086
U.S. Virgin Islands	0	*	0	0	0	0	32
Utah	615	567	2,016	1,088	852	816	646
Vermont	2	4	2	22	79	52	20
Virginia	599	741	410	1,602	6,843	4,604	1,545
Washington, state	2,706	2,804	3,434	1,897	1,643	2,128	1,541
West Virginia	44	46	102	1	7	8	0
Wisconsin	29,586	33,070	32,601	34,225	25,693	39,028	50,636
Wyoming	43	9	61	84	136	352	281
States not specified	713	705	571	974	318	54	85
TOTAL UNITED STATES	**447,604**	**495,560**	**572,979**	**595,955**	**602,580**	**655,697**	**851,562**

* Less than $500.

SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada.

RESOURCES

TABLE 147: Census Farm Area and Land Use

Year	Improved Land					Unimproved Land	TOTAL LAND
	Crops	Pasture	Fallow	Other	TOTAL		
	thousand hectares						
1941	2,561	185	1,120	112	3,978	2,858	6,836
1946	2,608	208	1,036	103	3,955	2,791	6,746
1951	2,968	237	1,019	131	4,355	2,820	7,175
1956	3,110	241	1,144	140	4,635	2,622	7,257
1961	3,112	291	1,307	132	4,842	2,511	7,353
1966	3,518	312	1,080	127	5,037	2,686	7,723
1971	3,691	296	1,074	120	5,181	2,511	7,692
1976	3,848	311	934	124	1,372	2,483	7,700
1981	4,420	353	598	133	5,504	2,112	7,616
1986	4,519	275	509	100	5,403	2,337	7,740
1991	4,761	341	297	NA	5,399	2,326	7,725
1996	4,699	356	323	NA	5,379	2,353	7,732
2001	4,715	383	256	NA	5,354	2,248	7,602
	thousand acres						
1941	6,328	456	2,767	278	9,829	7,062	16,891
1946	6,445	514	2,560	254	9,773	6,898	16,671
1951	7,335	585	2,519	323	10,762	6,968	17,730
1956	7,686	595	2,828	345	11,454	6,478	17,932
1961	7,689	720	3,230	325	11,964	6,206	18,170
1966	8,694	770	2,669	313	12,446	6,638	19,084
1971	9,122	731	2,655	296	12,804	6,204	19,008
1976	9,508	769	2,308	306	12,891	6,135	19,026
1981	10,923	871	1,479	328	13,601	5,218	18,819
1986	11,168	679	1,258	246	13,351	5,775	19,126
1991	11,765	843	734	NA	13,342	5,747	19,089
1996	11,612	880	800	NA	13,292	5,815	19,107
2001	11,651	948	632	NA	13,230	5,554	18,784

SOURCE: Statistics Canada, Census of Agriculture.

TABLE 148: Census Farm Numbers and Size

Year	Farms	Average Size			
		Total		Improved	
		hectares	acres	hectares	acres
1941	58,024	118	291	68	169
1946	54,448	124	306	72	179
1951	52,383	137	338	83	205
1956	49,201	147	364	94	233
1961	43,306	170	420	112	276
1966	39,747	194	480	127	313
1971	34,981	220	543	148	366
1976	32,104	240	593	162	402
1981	29,442	259	639	187	462
1986	27,336	283	700	198	488
1991	25,706	301	743	210	519
1996	24,383	317	784	221	545
2001	21,071	361	891	254	628

SOURCE: Statistics Canada, Census of Agriculture.

TABLE 149: Census Farm Area by Tenure

Year	Area Operated By:				Total Area	
	Owners	Renters	Owners-Renters	Managers	Owned or Managed	Rented
	thousand hectares					
1941	3,744	1,386	1,637	69	4,698	2,138
1946	4,062	973	1,618	94	5,056	1,691
1951	4,264	722	2,019	170	5,580	1,595
1956	4,092	655	2,335	175	5,592	1,665
1961	3,722	552	2,843	236	5,551	1,802
1966	3,878	379	3,228	238	5,938	1,785
1971	3,581	371	3,740	NA	5,691	2,001
1976	3,283	479	3,938	NA	5,500	2,200
1981	2,668	579	4,369	NA	5,098	2,518
1986	NA	NA	NA	NA	4,871	2,869
1991	NA	NA	NA	NA	4,858	2,867
1996	NA	NA	NA	NA	4,929	2,803
2001	NA	NA	NA	NA	4,747	2,855
	thousand acres					
1941	9,252	3,424	4,044	171	11,609	5,283
1946	10,038	2,404	3,997	232	12,494	4,178
1951	10,536	1,784	4,989	421	13,788	3,942
1956	10,111	1,618	5,770	433	13,818	4,113
1961	9,196	1,365	7,026	583	13,716	4,454
1966	9,584	936	7,977	587	14,673	4,411
1971	8,849	917	9,242	NA	14,063	4,945
1976	8,112	1,183	9,731	NA	13,591	5,435
1981	6,592	1,430	10,797	NA	12,596	6,223
1986	NA	NA	NA	NA	12,038	7,089
1991	NA	NA	NA	NA	12,005	7,084
1996	NA	NA	NA	NA	12,179	6,927
2001	NA	NA	NA	NA	11,730	7,054

SOURCE: Statistics Canada, Census of Agriculture.

TABLE 150: Permit Holders, Quota Areas

	Permit Books	Quota Areas	
		Hectares	Acres
		thousands	
1987/88	25,114	6,054	14,959
1988/89	24,410	5,849	14,452
1989/90	23,728	5,852	14,460
1990/91	22,760	5,812	14,362
1991/92	21,912	5,704	14,095
1992/93	20,946	5,607	13,855
1993/94	19,745	NA	NA
1994/95	18,191	NA	NA
1995/96	15,225	NA	NA
1996/97	15,524	NA	NA
1997/98	15,899	NA	NA
1998/99	14,800	NA	NA
1999/2000	13,993	NA	NA
2000/01	13,960	NA	NA
2001/02	12,527	NA	NA
2002/03	11,553	NA	NA

SOURCE: Canadian Wheat Board.

TABLE 151: Historical Value Per Unit of Farmland and Buildings, Manitoba and Canada

Year	$ per hectare		$ per acre	
	Manitoba	Canada	Manitoba	Canada
1960	94	119	38	48
1961	99	124	40	50
1962	99	128	40	52
1963	106	136	43	55
1964	121	151	49	61
1965	138	168	56	68
1966	153	188	62	76
1967	175	212	71	86
1968	193	235	78	95
1969	183	240	74	97
1970	180	242	73	98
1971	178	247	72	100
1972	190	267	77	108
1973	227	324	92	131
1974	297	423	120	171
1975	348	536	141	217
1976	418	635	169	257
1977	492	731	199	296
1978	610	867	247	351
1979	719	1,072	291	434
1980	875	1,352	354	547
1981	1,013	1,520	410	615
1982	939	1,517	380	614
1983	939	1,448	380	586
1984	907	1,379	367	558
1985	887	1,278	359	517
1986	850	1,181	344	478
1987	803	1,127	325	456
1988	751	1,147	304	464
1989	810	1,280	328	518
1990	887	1,371	359	555
1991	882	1,384	357	560
1992	890	1,352	360	547
1993	922	1,371	373	555
1994	959	1,443	388	584
1995	1,020	1,567	413	634
1996	1,095	1,703	443	689
1997	1,127	1,751	456	709
1998	1,196	1,858	484	752
1999[R]	1,204	1,878	487	760
2000	1,216	1,893	492	766
2001[R]	1,216	1,915	492	775
2002	1,231	1,957	498	792

SOURCE: Statistics Canada.

TABLE 152: Census Farm and Total Population

Year	Number of Farms	Population		Farm Population % of Total
		Farm	Manitoba	
1931	54,199	256,305	700,139	36.6
1941	58,024	249,599	729,744	34.2
1946	54,448	224,919	726,923	30.9
1951	52,383	219,233	776,541	28.2
1956	49,201	202,163	850,040	23.8
1961	43,306	172,946	921,686	18.8
1966	39,747	161,662	963,066	16.8
1971	34,981	131,202	988,247	13.3
1976	32,104	114,115	1,021,506	11.2
1981	29,442	98,375	1,026,241	9.6
1986	27,336	86,505	1,071,232	8.1
1991	25,706	79,280	1,091,942	7.3
1996	24,383	79,840	1,113,898	7.2
2001	21,071	NA	1,119,583	-

SOURCE: Statistics Canada, Censuses of Agriculture and Population.

TABLE 153: Census Farm Operators by Age and Sex

Year	All Farm Operators*			Under 35 Years of Age		35-54 Years of Age		Over 55 Years of Age		Average Age of Operators		
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Total	Male	Female
1931	50,203	Not Available		10,386		39,817				Not Available		
1941	54,073			11,726		42,347						
1951	52,134			12,832		25,863		13,439				
1961	43,306			7,297		22,993		13,016				
1966	39,747			6,102		20,919		12,726				
1971	34,981			5,570		17,773		11,638		48.4	Not Available	
1976	32,104			6,880		14,916		10,308		47.2		
1981	29,442			7,228		13,261		8,953		46.3		
1986	27,335	26,465	870	6,150	185	11,505	355	8,810	325	47.2		
1991	34,780	27,005	7,775	5,580	1,605	12,270	4,020	9,155	2,145	47.4	47.7	46.3
1996	33,300	26,100	7,200	4,580	1,330	12,960	4,070	8,550	1,790	47.7	48.1	46.0
2001	28,800	22,300	6,500	2,990	870	11,640	3,840	7,660	1,800	48.8[P]	49.1[P]	47.7[P]

* Prior to 1991 primary farm operators only.

SOURCE: Statistics Canada, Censuses of Agriculture and Population.

TABLE 154: Percentage of Persons in Manitoba Farm Households in the Labour Force, by Occupation

Occupation	1971		1981		1986	
	Number	%	Number	%	Number	%
Farm Operators	26,910	41	22,715	42	22,250	41
Farm Workers	16,970	26	8,750	16	10,460	19
Construction Occupation	2,405	4	1,965	4	1,800	3
Transport Equipment	1,655	3	1,450	3	1,320	2
Clerical and Related	2,285	3	3,585	7	3,720	7
Services Occupation	2,420	4	2,535	5	2,695	5
Teaching and Related	1,300	2	1,160	2	1,220	2
Sales Occupation	1,400	2	1,780	3	1,790	3
Medicine and Health	1,005	2	1,490	3	1,670	3
Product Fabricating	1,325	2	1,620	3	1,245	2
All Other Occupations	7,740	12	6,160	11	5,815	11
Not Specified	-	-	445	1	365	1
TOTAL	**65,415**	**100**	**53,655**	**100**	**54,350**	**100**

NOTE: Workers 15 years of age and over.

SOURCE: Statistics Canada, Censuses of Agriculture and Population.

TABLE 155: Census Numbers of Machinery on Farms

Year	Tractors	Trucks	Combines	Swathers	Balers
1951	50,984	21,163	15,268	-	-
1956	59,265	28,556	21,425	-	-
1961	61,463	31,806	23,662	20,408	8,573
1966	65,552	36,689	24,815	23,530	12,712
1971	64,587	41,306	23,325	23,833	13,472
1976	67,077	49,844	23,467	23,843	14,173
1981	67,342	54,070	22,631	24,291	15,694
1986	73,945	57,502	21,946	24,528	15,317
1991	73,523	57,904	20,588	23,403	15,812
1996	68,735	55,704	17,490	20,444	15,088
2001	69,209	51,784	14,673	21,785 *	13,518

* Includes mower conditioners.
SOURCE: Statistics Canada, Census of Agriculture.

TABLE 156: Historical Sales of Selected Farm Machinery

Year	Tractors	Combines	Swathers	Balers
1960	2,461	1,079	783	1,518
1961	1,803	496	743	1,043
1962	2,298	1,228	1,221	1,807
1963	2,735	1,378	1,328	1,187
1964	3,221	1,572	2,231	1,399
1965	3,037	1,900	2,339	1,212
1966	3,692	1,702	1,709	1,021
1967	2,973	1,454	1,838	642
1968	1,949	1,223	1,763	562
1969	1,610	642	1,100	537
1970	1,482	393	606	489
1971	1,138	482	772	485
1972	1,583	506	958	595
1973	2,371	856	1,462	779
1974	2,622	675	939	731
1975	2,823	856	1,471	1,007
1976	2,730	604	1,515	1,163
1977	2,190	1,012	1,131	850
1978	2,485	695	NA	297
1979	2,610	1,018	1,191	817
1980	2,251	781	1,249	810
1981	2,132	1,056	1,328	645
1982	1,787	636	977	465
1983	1,453	578	740	481
1984	1,550	580	787	383
1985	1,641	809	867	419
1986	1,378	591	430	529
1987	1,005	245	575	464
1988	1,040	145	601	510
1989	1,073	277	392	492
1990	1,010	302	190	470
1991	827	243	236	356

SOURCE: Statistics Canada, Canadian Farm and Industrial Equipment Institute.

TABLE 157: Historical Sales of Fertilizer

Year Ending June 30	Major Formulations[1]	Other Materials[2]	TOTAL	Major Formulations[1]	Other Materials[2]	TOTAL
	tonnes			tons		
1960	19,602	777	20,379	21,607	857	22,464
1961	26,022	1,130	27,152	28,684	1,246	29,930
1962	30,004	1,802	31,806	33,073	1,986	35,059
1963	41,376	1,376	42,752	45,608	1,517	47,125
1964	51,918	2,377	54,295	57,229	2,620	59,849
1965	65,104	2,420	67,524	71,764	2,668	74,432
1966	135,560	3,590	139,150	149,427	3,957	153,384
1967	160,425	3,902	164,327	176,835	4,301	181,136
1968	216,233	3,547	219,780	238,352	3,910	242,262
1969	124,874	3,888	128,762	137,648	4,286	141,934
1970	116,632	3,706	120,338	128,563	4,085	132,648
1971	172,860	4,354	177,214	190,542	4,799	195,341
1972	189,251	7,255	196,506	208,610	7,997	216,607
1973	271,469	6,125	277,594	299,238	6,751	305,989
1974	317,689	8,553	326,242	350,192	9,428	359,620
1975	340,129	4,521	344,650	374,928	4,983	379,911
1976	363,771	5,587	369,358	400,989	6,159	407,148
1977	360,072	7,037	367,109	396,908	7,757	404,665
1978	451,158	4,650	455,808	497,317	5,126	502,443
1979	538,900	4,800	543,700	594,029	5,291	599,320
1980	545,900	2,200	548,100	601,746	2,425	604,171
1981	513,000	4,000	517,000	565,480	4,409	569,889
1982	517,800	3,500	521,300	570,777	3,900	574,677
1983	502,600	1,400	504,000	554,070	1,500	555,570
1984	583,200	5,500	588,700	642,800	6,100	648,900
1985	669,100	5,400	674,500	737,706	5,954	743,660
1986	665,900	900	666,800	734,100	1,000	735,100
1987	568,100	47,900	616,000	626,200	52,800	679,000
1988	641,000	37,200	678,200	706,600	41,000	747,600
1989	580,900	46,600	627,500	640,400	51,400	691,800
1990	610,900	47,200	658,100	673,400	52,000	725,400
1991	659,600	40,800	700,400	727,100	45,000	772,100
1992	654,900	44,700	699,600	721,900	49,300	771,200
1993	707,500	42,400	749,900	779,900	46,700	826,600
1994	760,400	54,900	815,300	838,200	60,500	898,700
1995	790,200	54,600	844,800	871,000	60,200	931,200
1996	773,400	59,000	832,400	852,300	65,000	917,300
1997	839,100	64,300	903,400	924,600	70,900	995,500
1998	893,700	72,700	966,400	984,900	80,100	1,065,000
1999	854,400	57,400	911,800	941,700	63,300	1,005,000
2000	880,500	34,100	914,600	970,400	37,600	1,008,000
2001	812,300	24,800	837,000	895,300	27,300	922,400
2002	827,400	31,900	859,300	911,800	35,100	946,900

[1] Includes ammonium phosphate, ammonium nitrate, urea, anhydrous ammonia, nitrogen solutions, ammonium sulphate, potassium chloride.

[2] Includes phosphates and sulphur solutions, mixed fertilizer materials and elemental sulphur and sulphate fertilizers not in "major formulations" category.

SOURCE: Agriculture and Agri-Food Canada; Farm Input Markets Unit, Farm Income Policy and Programs Directorate.

FARM FINANCES

TABLE 158: Historical Farm Input Price Indices (1992 = 100), Western Canada

	Building & Fencing	Machinery & Motor Vehicles	Crop Production	Animal Production	Supplies & Services	Hired Farm Labour	Property Taxes	Interest	Farm Rent	TOTAL FARM INPUTS
1971	29.1	33.0	31.2	33.7	30.1	23.1				29.4
1972	32.1	34.2	32.4	37.7	31.1	25.0				31.4
1973	36.1	35.6	37.3	51.5	33.0	28.6				36.6
1974	42.0	40.0	59.8	54.8	36.5	34.2				42.6
1975	45.6	46.5	73.8	54.3	41.1	40.6				48.0
1976	50.6	50.7	71.6	55.1	45.2	46.9				51.3
1977	54.5	54.5	68.6	54.8	48.5	52.1				52.6
1978	59.6	60.0	71.0	70.7	52.1	55.3				59.5
1979	66.5	67.8	78.5	89.6	57.2	58.6				69.7
1980	69.8	76.3	98.0	88.3	62.4	62.9				76.6
1981	76.0	84.9	104.9	88.9	74.9	67.2	56.1	129.9	110.7	88.1
1982	81.2	84.4	103.0	88.6	81.8	71.5	65.8	127.0	113.2	91.0
1983	87.7	88.1	100.2	89.4	85.6	74.0	67.7	104.6	115.4	91.2
1984	86.8	90.2	103.5	90.9	89.8	77.1	71.8	115.8	107.1	93.9
1985	87.9	88.4	106.0	90.4	91.7	79.6	76.7	117.3	116.3	95.1
1986	93.6	90.2	105.5	96.6	91.7	81.8	81.8	102.0	108.7	95.3
1987	96.3	89.3	98.6	101.0	93.2	83.7	80.0	99.3	90.3	94.1
1988	96.6	90.6	97.2	107.1	93.7	87.5	84.4	107.7	90.4	96.9
1989	98.3	92.8	104.4	107.1	93.6	91.9	89.7	121.3	106.1	101.2
1990	100.3	96.4	104.6	104.8	96.5	95.1	93.1	130.6	110.0	103.5
1991	98.2	99.7	97.8	103.2	98.6	98.9	97.1	112.4	102.5	101.3
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	107.8	103.4	105.2	111.5	101.8	100.7	103.0	96.1	104.9	104.8
1994	114.2	108.6	111.7	115.3	105.1	102.7	108.3	92.4	108.4	108.6
1995	114.1	114.5	127.1	110.6	107.8	105.9	112.3	101.3	130.2	114.1
1996	116.5	119.0	137.6	112.3	113.2	110.1	116.9	90.2	152.9	118.1
1997	120.3	122.7	131.6	122.9	115.1	115.4	119.0	87.3	138.2	120.3
1998	116.9	123.5	126.7	117.7	111.8	115.9	122.6	86.5	139.2	118.5
1999[R]	123.2	125.0	122.4	120.3	112.3	111.0	124.1	86.9	139.7	119.0
2000	118.6	136.0	123.1	133.6	116.2	117.1	126.1	95.0	130.6	126.7
2001[R]	118.5	143.3	142.7	141.0	118.6	123.8	121.4	89.2	128.0	132.9
2002	121.6	140.7	132.4	135.9	119.7	126.4	126.7	86.7	134.2	130.1

SOURCE: Statistics Canada, Cat. No. 62-004-XPB, First Quarter.

TABLE 159: Historical Farm Input Price Indices (1992 = 100), Manitoba

	Building & Fencing	Machinery & Motor Vehicles	Crop Production	Animal Production	Supplies & Services	Hired Farm Labour	Property Taxes	Interest	Farm Rent	TOTAL FARM INPUTS
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	106.4	102.4	103.2	110.8	101.1	103.3	103.0	97.1	96.5	103.6
1994	113.3	107.1	111.9	115.6	102.5	106.8	111.8	93.8	103.7	108.6
1995	113.8	113.8	126.2	113.0	104.6	110.3	124.6	101.2	117.4	114.9
1996	115.8	118.1	134.1	118.4	107.8	114.1	128.3	89.8	135.1	119.5
1997	120.7	121.7	130.3	126.1	110.9	115.2	129.4	87.2	129.3	121.3
1998	117.9	121.8	126.8	117.3	110.9	119.2	133.8	90.0	132.7	119.5
1999	Not Available									
2000										
2001										
2002										

SOURCE: Statistics Canada, Cat. No. 62-004-XPB, First Quarter.

TABLE 160: Historical Farm Product Price Indices (1986 = 100), Manitoba, 1986-1995

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
TOTAL INDEX	**100.0**	**95.2**	**106.4**	**115.9**	**109.3**	**96.8**	**98.9**	**104.0**	**108.4**	**118.9**
TOTAL CROPS	**100.0**	**87.9**	**116.0**	**133.8**	**116.4**	**94.9**	**98.7**	**100.4**	**112.8**	**135.9**
Cereals	100.0	86.8	113.0	134.3	112.1	92.0	97.7	95.8	108.8	138.7
Oilseeds	100.0	83.5	130.5	135.5	127.9	95.0	96.1	111.6	131.1	147.8
All Other Crops[1]	100.0	104.6	109.9	126.1	123.9	115.5	109.0	111.9	104.8	90.7
TOTAL LIVESTOCK & PRODUCTS	**100.0**	**103.0**	**96.3**	**97.0**	**101.8**	**98.7**	**99.2**	**107.8**	**103.8**	**100.9**
Cattle & Calves	100.0	110.9	106.7	105.4	108.3	107.1	107.9	121.1	109.8	100.4
Hogs	100.0	97.7	74.6	72.4	88.6	78.5	77.1	84.8	84.0	85.1
Poultry	100.0	95.2	97.5	105.8	104.0	100.2	97.7	98.6	95.2	94.4
Eggs	100.0	92.0	98.8	106.5	94.8	93.5	101.9	104.8	107.4	114.6
Dairy	100.0	98.8	104.1	109.1	109.4	111.0	111.0	115.4	121.6	123.1
Other Livestock & Products[2]	100.0	104.2	97.7	84.2	88.4	100.8	101.3	112.9	113.7	114.0

1 Includes fruits, vegetables (including potatoes), sugar beets and sunflower seed.
2 Includes lambs, honey and fur.
SOURCE: Statistics Canada.

TABLE 161: Historical Farm Product Price Indices (1997 = 100), Manitoba, 1992-2001

	1992	1993	1994	1995	1996[R]	1997	1998[R]	1999[R]	2000[R]	2001[R]	2002[P]
TOTAL INDEX	**76.2**	**80.8**	**85.5**	**97.7**	**104.8**	**100.0**	**94.3**	**87.5**	**88.1**	**96.5**	**100.9**
TOTAL CROPS	**69.0**	**71.3**	**80.4**	**102.5**	**110.1**	**100.0**	**98.9**	**85.1**	**76.2**	**87.6**	**104.6**
Grains	69.3	69.6	78.3	108.1	116.7	100.0	98.1	89.4	83.4	92.8	108.4
Oilseeds	62.1	70.7	83.8	94.0	100.3	100.0	97.7	74.3	59.0	73.9	97.5
Specialty Crops	81.9	85.2	98.1	104.3	117.0	100.0	105.8	99.8	93.3	108.9	117.1
Fruit	107.3	107.3	112.7	112.4	84.5	100.0	90.5	89.8	93.1	121.6	97.3
Vegetables (excl. potatoes)	97.4	97.7	95.0	98.1	103.0	100.0	96.0	97.4	101.5	110.5	106.3
Potatoes	79.6	78.9	77.7	91.9	96.5	100.0	109.9	97.8	100.9	101.6	107.9
TOTAL LIVESTOCK & PRODUCTS	**86.0**	**93.9**	**92.4**	**90.5**	**96.7**	**100.0**	**87.8**	**90.6**	**103.7**	**108.6**	**98.0**
Cattle & Calves	100.7	114.5	108.0	98.7	89.4	100.0	102.3	108.9	120.3	123.5	110.7
Hogs	74.0	80.6	80.4	82.0	101.2	100.0	67.1	69.1	92.0	98.3	83.5
Poultry	87.7	90.1	86.4	86.0	100.0	100.0	96.3	92.9	92.4	99.1	96.6
Eggs	88.3	90.3	92.4	98.4	105.4	100.0	96.8	91.0	86.2	85.2	84.2
Dairy	82.8	86.3	90.5	91.7	96.5	100.0	102.2	105.6	104.6	109.2	114.6

SOURCE: Statistics Canada.

TABLE 162: Historical Farm Cash Receipts

Year	Crop Receipts	Livestock Receipts	Other Receipts	TOTAL CASH RECEIPTS
	thousand dollars			
1960	113,719	108,193	10,925	232,837
1961	114,253	124,778	3,730	242,761
1962	136,379	114,225	12,113	262,717
1963	147,707	121,768	2,273	271,748
1964	170,778	128,266	2,486	301,530
1965	184,173	155,935	2,505	342,613
1966	200,084	172,842	4,953	377,879
1967	193,198	174,481	7,123	374,802
1968	187,754	170,713	6,396	364,863
1969	168,823	176,516	5,727	351,066
1970	128,703	202,614	10,110	341,427
1971	173,905	194,192	10,352	378,449
1972	238,844	239,750	18,989	497,583
1973	281,819	329,987	17,786	629,592
1974	481,012	334,651	14,127	829,790
1975	565,301	349,668	35,533	950,502
1976	489,776	356,896	43,410	890,082
1977	472,226	381,330	31,145	884,701
1978	595,864	501,014	49,804	1,146,682
1979	711,094	565,325	66,665	1,343,084
1980	819,870	598,142	76,281	1,494,293
1981	962,069	608,869	80,490	1,651,428
1982	1,004,734	672,638	47,609	1,724,981
1983	1,099,752	625,487	78,130	1,803,369
1984	1,159,150	696,172	134,201	1,989,523
1985	1,106,780	731,509	172,246	2,010,535
1986	1,066,413	797,799	237,746	2,101,958
1987	804,432	833,956	477,557	2,115,945
1988	869,786	787,858	431,831	2,089,475
1989	888,685	769,658	449,853	2,108,196
1990	1,022,198	793,961	169,283	1,985,442
1991	1,015,312	760,518	230,030	2,005,860
1992	953,029	826,360	388,530	2,167,919
1993	1,064,075	935,675	387,483	2,387,233
1994	1,225,284	921,919	313,786	2,460,989
1995	1,439,930	963,020	120,104	2,523,054
1996	1,637,971	1,121,539	56,181	2,815,691
1997	1,726,147	1,207,979	142,019	3,076,145
1998	1,644,171	1,225,404	92,084	2,961,659
1999	1,414,556	1,328,531	216,017	2,959,104
2000	1,318,389	1,568,921	287,093	3,174,403
2001[R]	1,530,800	1,778,400	382,147	3,691,347
2002	1,891,005	1,717,475	218,963	3,827,443

SOURCE: Statistics Canada.

TABLE 163: Historical Farm Cash Receipts From Crop Sales

Year	Wheat	Oats	Barley	Flaxseed	Canola	Other	TOTAL CROPS
	thousand dollars						
1960	66,349	6,378	15,108	12,189	754	12,941	113,719
1961	81,410	5,522	10,367	12,603	526	3,825	114,253
1962	77,416	10,129	11,395	20,654	884	15,901	136,379
1963	91,003	12,478	9,362	16,707	1,497	16,660	147,707
1964	99,832	12,423	10,059	29,323	3,047	16,094	170,778
1965	110,968	11,593	12,172	25,320	3,170	20,950	184,173
1966	114,363	14,457	13,936	33,996	4,619	18,713	200,084
1967	120,418	12,171	15,830	20,655	3,544	20,580	193,198
1968	109,486	11,292	17,127	15,192	3,103	31,554	187,754
1969	72,057	12,886	13,268	25,685	5,418	39,509	168,823
1970	72,317	6,347	21,472	17,613	9,727	1,227	128,703
1971	77,144	7,747	31,961	14,710	14,091	28,252	173,905
1972	113,272	11,553	45,302	12,988	19,901	35,828	238,844
1973	120,963	15,684	69,946	38,535	32,472	4,219	281,819
1974	225,296	14,649	100,889	61,350	50,120	28,708	481,012
1975	287,418	28,879	99,019	38,140	42,461	69,384	565,301
1976	243,166	23,883	80,402	39,881	29,040	73,404	489,776
1977	182,535	22,151	70,867	42,099	56,694	97,880	472,226
1978	234,187	15,681	99,334	54,594	90,696	101,372	595,864
1979	281,269	6,200	102,939	77,247	122,522	120,917	711,094
1980	388,022	4,907	93,564	92,919	99,492	140,966	819,870
1981	473,515	6,983	147,752	74,343	75,337	184,139	962,069
1982	512,010	7,211	161,038	67,409	99,509	157,557	1,004,734
1983	582,917	8,464	160,290	107,918	120,997	119,166	1,099,752
1984	618,065	8,406	134,887	96,942	138,996	161,854	1,159,150
1985	517,057	7,674	152,892	124,168	138,738	166,251	1,106,780
1986	537,768	9,030	147,368	83,102	125,064	164,081	1,066,413
1987	405,256	7,532	64,389	62,689	108,806	155,760	804,432
1988	440,019	12,634	63,638	71,932	146,263	135,300	869,786
1989	410,462	12,950	87,056	70,616	127,780	179,821	888,685
1990	568,040	8,531	96,776	55,004	101,821	192,026	1,022,198
1991	558,924	5,299	69,305	35,467	132,382	213,935	1,015,312
1992	426,845	18,475	57,385	49,782	197,095	203,447	953,029
1993	485,538	29,663	60,810	52,382	257,835	177,847	1,064,075
1994	501,173	27,635	57,772	75,123	402,350	161,231	1,225,284
1995	599,284	48,436	66,399	92,747	370,142	262,922	1,439,930
1996	675,825	85,133	94,851	88,653	396,994	296,515	1,637,971
1997	662,847	79,731	86,918	135,508	471,851	289,292	1,726,147
1998	469,080	62,262	51,885	93,445	622,296	345,203	1,644,171
1999	493,898	63,524	38,347	42,647	351,749	424,391	1,414,556
2000	447,319	68,208	45,058	47,099	324,316	386,389	1,318,389
2001[R]	586,309	95,986	93,607	50,203	363,892	340,803	1,530,800
2002	630,220	124,738	84,867	81,427	483,561	486,192	1,891,005

SOURCE: Statistics Canada.

TABLE 164: Historical Farm Cash Receipts From Livestock Sales

Year	Cattle & Calves	Hogs	Sheep & Lambs	Dairy Products	Poultry & Eggs	Other Livestock & Products	TOTAL LIVESTOCK
	thousand dollars						
1960	40,298	17,884	466	23,868	20,570	5,107	108,193
1961	51,535	22,356	527	24,084	21,155	5,121	124,778
1962	44,074	20,628	445	24,096	19,970	5,012	114,225
1963	48,095	19,440	523	23,984	24,228	5,498	121,768
1964	51,026	23,582	544	23,699	23,972	5,443	128,266
1965	71,573	27,415	462	23,255	26,233	6,997	155,935
1966	78,326	35,084	346	22,055	30,464	6,567	172,842
1967	80,557	37,280	325	22,665	27,445	6,209	174,481
1968	76,234	36,074	244	23,075	29,763	5,323	170,713
1969	68,167	44,324	255	23,551	34,743	5,476	176,516
1970	81,239	58,021	213	23,890	34,367	4,884	202,614
1971	85,593	51,211	362	24,171	27,611	5,244	194,192
1972	105,548	66,293	362	28,183	32,173	7,191	239,750
1973	132,136	104,071	402	31,503	52,081	9,794	329,987
1974	131,791	94,758	497	42,951	54,005	10,649	334,651
1975	152,366	87,866	390	50,142	47,593	11,311	349,668
1976	155,618	79,877	383	52,087	55,843	13,088	356,896
1977	178,756	78,230	432	53,122	56,853	13,937	381,330
1978	260,375	105,026	657	57,335	59,492	18,129	501,014
1979	297,132	115,682	694	63,419	68,586	19,812	565,325
1980	308,756	117,432	860	75,491	75,618	19,985	598,142
1981	267,793	137,549	1,078	86,587	84,077	31,785	608,869
1982	286,854	169,466	1,096	95,944	84,683	34,595	672,638
1983	250,573	156,633	1,396	97,798	85,293	33,794	625,487
1984	273,287	185,928	1,536	104,928	93,398	37,095	696,172
1985	297,161	194,859	2,349	102,370	94,456	40,314	731,509
1986	306,566	244,233	1,699	106,782	96,388	42,131	797,799
1987	340,159	246,851	1,683	110,246	94,580	40,437	833,956
1988	318,078	210,987	1,454	118,185	99,332	39,822	787,858
1989	286,622	213,646	1,255	121,201	107,026	39,908	769,658
1990	293,325	236,048	1,521	118,455	103,035	41,577	793,961
1991	257,472	233,041	2,509	118,168	101,777	47,551	760,518
1992	303,932	240,038	6,244	114,820	101,616	59,710	826,360
1993	364,886	276,732	6,843	115,150	102,772	69,292	935,675
1994	318,170	289,749	8,521	127,144	105,921	72,414	921,919
1995	314,368	322,982	9,949	128,720	110,758	76,243	963,020
1996	311,515	448,465	11,512	132,386	125,245	92,416	1,121,539
1997	373,798	467,856	12,324	140,430	121,527	92,044	1,207,979
1998	454,770	396,380	10,359	145,945	123,105	94,845	1,225,404
1999	462,038	482,268	9,034	152,288	123,425	96,478	1,328,531
2000	485,701	676,087	9,814	154,029	143,797	99,493	1,568,921
2001[r]	578,489	765,721	10,183	157,999	151,927	114,081	1,778,400
2002[p]	555,738	714,465	9,899	163,924	152,751	120,698	1,717,475

SOURCE: Statistics Canada

TABLE 165: Historical Farm Operating Expenses and Depreciation Charges

Year	Machinery Operation & Heating Fuel	Depreciation, Bldgs. & Machinery	Interest on Debt	Rent & Taxes	Hired Labour	Feed Bought Commercially	Seed Bought Commercially	Fertilizer	Other	TOTAL EXPENSES*
	thousand dollars									
1960	46,518	33,692	7,790	19,166	12,108	9,531	2,199	2,213	17,081	150,298
1961	46,028	33,971	8,833	18,882	12,571	9,437	2,911	3,494	17,012	153,139
1962	47,540	34,777	10,109	21,110	12,338	16,732	3,044	3,237	19,051	167,938
1963	47,953	36,971	11,635	22,290	11,507	11,911	3,352	4,558	22,134	172,311
1964	49,613	40,289	14,119	22,339	11,530	12,408	3,990	5,925	25,047	185,260
1965	49,989	44,160	15,942	23,434	14,281	12,928	4,521	7,564	26,903	199,722
1966	51,551	48,150	17,948	23,829	14,341	17,256	4,736	15,302	30,461	223,574
1967	53,438	52,593	20,205	24,749	15,565	25,308	4,340	18,521	33,612	248,331
1968	54,919	55,967	23,593	25,961	15,964	20,599	5,274	24,772	35,389	262,338
1969	56,353	56,245	27,315	25,241	15,881	20,075	6,208	13,050	32,278	252,646
1970	57,573	55,633	22,173	24,938	15,943	21,224	5,872	10,906	32,806	247,068
1971	60,949	54,375	22,275	22,152	16,228	23,940	6,996	15,780	55,560	278,255
1972	65,567	56,079	31,487	25,253	16,891	28,551	8,345	18,903	67,409	318,485
1973	76,247	61,078	28,210	35,301	18,925	43,493	9,740	26,708	82,145	381,847
1974	96,805	79,170	38,512	40,800	22,921	60,565	11,591	36,732	104,463	491,559
1975	105,862	106,069	43,997	50,074	26,900	61,476	13,793	59,390	120,523	588,084
1976	116,982	130,798	57,735	54,375	28,174	65,381	16,349	65,274	144,182	679,250
1977	129,142	146,234	63,062	62,316	31,050	66,482	18,074	73,516	167,396	757,272
1978	147,582	166,021	81,506	75,908	35,121	64,471	23,675	101,402	185,728	881,414
1979	162,145	193,799	118,584	93,268	41,255	83,146	33,352	133,540	230,437	1,089,526
1980	182,814	224,299	147,996	107,578	49,576	115,472	34,968	145,361	251,491	1,259,555
1981	248,757	251,006	210,582	115,010	63,176	116,419	36,984	162,959	297,401	1,502,294
1982	273,208	274,349	187,595	124,927	76,832	108,450	39,542	167,540	309,785	1,562,228
1983	292,740	283,751	167,325	130,042	74,992	124,367	44,985	188,069	328,876	1,635,147
1984	298,068	283,147	171,452	137,746	86,341	148,844	49,578	211,073	353,045	1,739,294
1985	302,232	266,706	170,690	142,690	99,015	144,324	48,817	219,153	383,818	1,777,445
1986	282,714	274,745	161,587	136,880	101,444	151,630	47,449	199,373	382,465	1,738,287
1987	286,327	265,711	170,764	109,501	108,534	153,938	44,428	188,943	399,821	1,727,967
1988	263,849	271,640	156,986	124,996	119,544	164,801	48,387	197,141	419,089	1,766,433
1989	289,622	277,180	158,909	139,437	129,284	183,640	47,983	183,307	460,316	1,869,678
1990	307,099	281,822	173,283	135,099	130,644	154,898	49,359	186,594	468,689	1,887,487
1991	308,831	272,126	146,548	137,620	138,934	153,632	55,776	191,114	503,714	1,908,295
1992	311,377	271,068	151,158	146,948	141,523	157,279	53,877	203,554	544,205	1,980,989
1993	331,819	275,292	138,502	150,776	153,015	173,407	65,639	225,918	566,948	2,081,319
1994	334,496	290,671	155,684	160,932	162,470	199,175	80,602	273,361	622,683	2,280,074
1995	346,167	307,831	163,231	162,875	164,479	215,797	82,214	302,034	653,674	2,398,302
1996	376,211	326,694	154,025	173,940	172,654	258,957	90,435	320,156	709,371	2,582,443
1997	382,459	334,968	155,395	181,035	185,986	293,780	100,030	326,565	693,194	2,653,412
1998	370,244	351,304	173,932	187,302	191,566	290,842	107,032	323,299	711,349	2,706,870
1999	384,209	360,696	190,788	194,089	199,228	279,208	99,540	294,202	703,638	2,705,598
2000	424,937	356,762	226,921	198,332	212,178	300,149	103,621	308,912	756,096	2,887,908
2001[R]	442,329	361,714	218,312	203,543	227,030	360,179	104,657	353,395	799,549	3,070,708
2002[P]	435,623	358,017	225,669	208,645	233,841	445,541	115,541	282,363	781,868	3,087,108

* Totals may not add due to rounding; includes rebates from 1971.

SOURCE: Statistics Canada.

TABLE 166: Historical Farm Income Summary

Year	Crop Receipts	Livestock Receipts	Direct Payments	Total Cash Receipts	Operating Expenses After Rebates	Net Cash Income	Income-In-Kind	Realized Gross Income	Operating & Depreciation Costs	Realized Net Income	Value of Inventory Change	TOTAL NET INCOME*
	million dollars											
1960	114	108	11	233			12	245	150	95	8	103
1961	115	125	3	243			12	255	153	102	-57	45
1962	137	114	12	263			11	274	168	106	53	159
1963	148	122	2	272			11	283	172	111	-4	107
1964	171	128	2	302			10	312	185	127	29	156
1965	184	156	2	343			11	354	200	154	10	164
1966	200	173	5	378			10	388	224	164	-27	137
1967	193	174	7	374			10	384	148	136	16	152
1968	188	171	6	365			10	375	262	112	51	163
1969	169	177	5	351			10	362	253	109	9	118
1970	129	203	10	341			10	351	247	104	-15	89
								Depreciation Charges				
1971	174	194	10	378	224	155	9	54		109	39	148
1972	239	240	19	498	262	235	10	56		189	-32	157
1973	282	330	18	630	321	309	12	61		259	95	355
1974	481	335	14	830	412	417	10	79		349	-49	300
1975	565	350	36	951	482	468	9	106		372	9	381
1976	490	357	43	890	548	342	12	131		223	40	263
1977	472	381	31	885	611	274	10	146		137	134	271
1978	596	501	50	1,147	715	431	12	166		277	49	325
1979	711	565	67	1,343	896	447	13	194		266	-53	214
1980	820	598	76	1,494	1,035	459	15	224		250	-236	14
1981	962	609	80	1,651	1,251	400	15	251		164	227	391
1982	1,005	673	48	1,725	1,288	437	14	274		177	78	255
1983	1,100	625	78	1,803	1,351	452	14	284		182	-164	18
1984	1,159	696	134	1,990	1,456	533	14	283		264	5	269
1985	1,107	732	172	2,011	1,511	500	13	267		247	293	540
1986	1,066	798	238	2,102	1,464	638	10	275		373	-47	326
1987	804	834	478	2,116	1,462	654	8	266		396	-71	325
1988	870	788	432	2,089	1,495	595	8	272		331	-225	107
1989	889	770	450	2,108	1,592	516	8	277		247	144	391
1990	1,022	794	169	1,985	1,606	380	8	282		106	314	420
1991	1,015	761	230	2,006	1,636	370	8	272		106	-1	104
1992	953	826	389	2,168	1,710	458	8	271		195	74	269
1993	1,064	937	387	2,387	1,806	581	10	275		316	-102	214
1994	1,225	922	314	2,461	1,989	472	10	291		191	168	359
1995	1,440	963	120	2,523	2,090	433	10	308		134	39	174
1996	1,638	1,122	56	2,816	2,256	560	10	327		243	295	538
1997	1,726	1,208	142	3,076	2,318	758	10	335		432	-134	298
1998	1,644	1,225	92	2,962	2,356	606	9	351		264	55	319
1999	1,415	1,329	216	2,959	2,345	614	10	361		263	-36	227
2000	1,318	1,569	287	3,174	2,531	643	9	357		296	183	478
2001[R]	1,531	1,778	382	3,691	2,709	982	9	362		630	-71	559
2002	1,891	1,717	219	3,827	2,729	1,098	9	358		749	-54	695

* Totals may not add due to rounding.
SOURCE: Statistics Canada.

TABLE 167: Historical Total Net Income and Total Cash Receipts Per Farm

Year	No. of Farms	Total Net Income	Total Cash Receipts
		dollars per farm	
1960	44,400	2,300	5,200
1961	43,306	1,000	5,600
1962	42,600	3,700	6,200
1963	41,900	2,500	6,500
1964	41,200	3,800	7,300
1965	40,500	4,100	8,500
1966	39,747	3,500	9,500
1967	38,700	3,900	9,700
1968	37,700	4,300	9,700
1969	36,700	3,200	9,600
1970	35,800	2,500	9,500
1971	34,981	4,200	10,800
1972	34,400	4,600	14,500
1973	33,825	10,500	18,600
1974	33,250	9,000	25,000
1975	32,675	11,600	29,100
1976	32,104	8,200	27,700
1977	31,600	8,600	28,000
1978	31,000	10,500	37,000
1979	30,500	7,000	44,000
1980	30,000	500	49,800
1981	29,442	13,300	56,100
1982	29,300	8,700	58,900
1983	29,000	600	62,200
1984	29,000	9,300	68,600
1985	28,700	18,800	70,100
1986	27,336	11,900	76,900
1987	27,010	12,000	78,300
1988	26,680	4,000	78,300
1989	26,350	14,800	80,000
1990	26,000	16,200	76,400
1991	25,706	4,100	78,000
1992	25,500	10,600	85,000
1993	25,300	8,500	94,400
1994	25,000	14,400	98,400
1995	24,700	7,000	102,100
1996	24,383	22,100	115,500
1997	24,000	12,400	128,200
1998	23,700	13,400	125,000
1999	23,400	9,700	126,500
2000	22,000	21,700	144,300
2001[R]	21,071	26,500	175,200
2002[P]	21,000	33,100	182,300

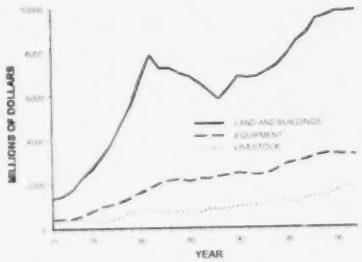
NOTE: Rounded to nearest hundred.
SOURCE: Statistics Canada; Manitoba Agriculture and Food.

TABLE 168: Historical Capital Investment Values

Year	Land and Buildings	Machinery and Equipment	Livestock	TOTAL	Per Farm
	thousand dollars				$
1941	229,488	58,887	51,542	339,917	5,900
1946	338,502	94,394	80,755	513,651	9,500
1951	528,873	231,801	156,612	917,286	17,600
1956	624,243	251,983	109,831	986,057	20,100
1961	719,612	272,019	163,723	1,155,354	26,700
1962	736,120	279,890	167,582	1,183,592	27,800
1963	801,695	297,545	179,864	1,279,104	30,600
1964	916,337	322,136	191,836	1,430,309	34,800
1965	1,063,537	350,070	181,647	1,595,254	39,400
1966	1,178,178	380,352	200,888	1,759,418	44,300
1967	1,348,022	405,762	205,700	1,959,484	50,700
1968	1,478,714	424,160	197,364	2,100,238	55,800
1969	1,412,654	426,558	243,949	2,083,161	56,800
1970	1,390,455	420,500	276,363	2,087,318	58,400
1971	1,374,239	411,471	261,465	2,047,175	58,600
1972	1,460,589	424,100	321,337	2,206,026	64,200
1973	1,746,203	455,739	433,181	2,635,123	78,000
1974	2,276,214	584,951	449,279	3,310,444	99,600
1975	2,682,825	787,518	356,515	3,826,858	117,200
1976	3,208,064	959,736	366,487	4,534,287	141,300
1977	3,796,152	1,067,615	383,245	5,247,012	166,100
1978	4,708,606	1,203,453	541,724	6,453,783	208,200
1979	5,557,719	1,403,255	743,816	7,704,790	252,700
1980	6,756,356	1,618,569	824,099	9,199,024	306,700
1981	7,835,722	1,823,612	803,251	10,462,585	355,400
1982	7,264,908	2,053,501	781,709	10,100,118	344,800
1983	7,259,563	2,170,560	743,895	10,174,018	350,900
1984	7,022,385	2,209,997	771,638	10,004,020	345,000
1985	6,872,533	2,119,977	720,367	9,712,877	338,500
1986	6,584,281	2,231,149	717,610	9,533,040	348,800
1987	6,222,386	2,226,067	883,108	9,331,561	345,500
1988	5,817,154	2,337,187	847,008	9,001,349	337,400
1989	6,265,881	2,410,168	919,189	9,595,238	364,200
1990	6,863,831	2,477,942	996,057	10,337,830	397,700
1991	6,814,388	2,426,745	1,015,100	10,256,233	399,000
1992	6,853,938	2,398,924	1,043,520	10,296,382	403,800
1993	7,086,741	2,470,447	1,132,657	10,689,845	422,600
1994	7,363,090	2,663,559	1,196,070	11,222,719	449,000
1995	7,820,550	2,901,333	1,217,361	11,939,244	483,400
1996	8,446,194	2,986,555	1,114,652	12,547,401	514,600
1997	8,795,188	3,096,003	1,404,194	13,295,385	554,000
1998	9,442,778	3,259,194	1,403,467	14,105,439	595,200
1999[R]	9,586,828	3,344,107	1,459,944	14,390,879	615,000
2000	9,782,108	3,315,622	1,691,515	14,789,245	672,200
2001[R]	9,782,709	3,280,905	1,914,401	14,978,015	710,800
2002[P]	9,825,837	3,273,225	1,649,264	14,748,326	702,300

SOURCE: Statistics Canada, catalogue 21-603-UPE.

CHART 28: Value of Farm Capital, 1971 – 2002



SOURCE: Statistics Canada
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food

TABLE 169: Historical Outstanding Farm Debt

Year	Chartered Banks[1]	Federal Gov't Agencies[2]	Provincial Gov't Agencies	Credit Unions	Insurance, Trust, Loan Companies	Private Individuals & Others[3]	Advance Payment Programs	TOTAL[4]
	thousand dollars							
1971	128,000	132,136	66,293	21,713	5,561	61,255	7,849	422,807
1972	136,000	133,055	69,706	25,337	6,710	62,175	2,236	435,219
1973	179,000	142,845	70,671	34,246	7,195	64,039	1,221	499,217
1974	195,000	158,681	77,893	50,567	6,501	74,742	5,308	568,692
1975	250,000	176,202	70,579	57,407	5,976	94,487	1,446	656,097
1976	333,000	193,942	69,039	72,000	5,834	103,949	5,363	783,127
1977	405,000	221,644	73,428	80,656	5,834	115,828	20,178	922,568
1978	504,000	254,279	72,958	92,902	8,374	129,118	17,156	1,078,787
1979	630,000	282,363	96,670	121,100	9,330	136,360	219	1,276,042
1980	703,000	314,749	118,975	129,000	9,359	141,715	2,237	1,419,035
1981	726,000	350,676	148,185	113,000	18,400	182,650	31,581	1,570,492
1982	790,000	385,205	156,800	115,370	16,845	204,073	33,123	1,701,416
1983	780,000	433,121	179,200	165,214	10,718	219,049	35,228	1,822,530
1984	797,000	429,494	206,837	187,341	9,642	224,156	21,657	1,876,127
1985	849,000	411,699	217,525	211,790	8,556	234,076	40,148	1,972,794
1986	804,000	407,317	226,110	245,691	8,816	222,965	91,220	2,006,119
1987	677,433	395,022	230,274	270,968	8,816	232,252	105,926	1,920,691
1988	671,608	346,359	225,365	289,250	22,613	233,454	63,887	1,852,536
1989	655,313	306,463	219,189	305,500	22,613	233,454	12,825	1,755,357
1990	683,009	289,272	241,006	338,250	21,769	245,889	282,650	2,101,845
1991	653,166	293,227	231,123	344,000	21,769	245,889	200,089	1,989,263
1992	653,202	292,251	227,641	382,000	28,037	254,939	220,113	2,058,183
1993	675,908	302,755	212,951	412,750	28,482	243,711	143,104	2,019,661
1994	807,742	321,018	195,883	448,250	39,614	271,581	132,553	2,216,641
1995	907,864	366,733	204,177	493,500	32,310	293,592	123,681	2,421,856
1996	943,788	409,873	190,259	531,250	32,310	293,592	167,653	2,568,725
1997	1,097,382	467,689	183,713	571,250	24,363	336,441	133,096	2,813,934
1998.....	1,264,650	534,477	211,917	622,500	24,363	336,441	140,889	3,135,237
1999.....	1,537,437	577,688	248,807	533,291	24,538	378,987	199,491	3,500,239
2000.....	1,455,926	622,772	261,926	756,149	25,270	430,024	183,013	3,735,080
2001[R]	1,487,569	690,489	274,206	863,606	29,578	414,922	174,384	3,934,754
2002	1,663,416	742,424	271,054	985,459	29,578	433,295	132,800	4,258,026

[1] Includes loans under F.I.L.A.
[2] Includes F.C.C., V.L.A. and F.B.D.B.
[3] Includes supply companies, dealers, stores and finance companies, and other unclassified services.
[4] Totals may not add due to rounding.
SOURCE: Statistics Canada.

WEATHER

TABLE 170: Historical Weather Record for Winnipeg

Month	Mean Temperature		Precipitation		Hours of Sunshine		
	Annual	Normal	Annual	Normal			
	°C		mm		Duration	% of Possible*	Normal
1960	2.8	2.6	396.0	500.9	2,428.9	54.1	2,119.7
1961	3.4	2.6	320.8	500.9	2,434.7	54.3	2,119.7
1962	2.2	2.5	723.4	516.9	2,226.5	49.6	2,171.5
1963	3.6	2.5	482.3	516.9	2,463.7	54.9	2,171.5
1964	2.1	2.5	459.7	516.9	2,348.7	52.3	2,171.5
1965	0.9	2.5	525.8	516.9	2,233.7	49.8	2,171.5
1966	0.7	2.5	459.5	516.9	2,319.7	51.7	2,171.5
1967	1.5	2.5	470.4	516.9	2,433.6	54.2	2,171.5
1968	2.1	2.5	652.0	516.9	2,174.0	48.5	2,171.5
1969	1.9	2.5	547.9	516.9	2,252.0	50.2	2,175.7
1970	1.4	2.3	601.0	516.9	2,260.7	50.4	2,175.7
1971	1.8	2.3	524.3	534.9	2,306.7	51.4	2,175.7
1972	0.7	2.3	423.7	534.9	2,403.8	53.6	2,231.5
1973	3.1	2.3	601.7	534.9	2,344.0	52.2	2,231.5
1974	1.6	2.3	509.6	534.9	2,426.2	54.1	2,231.5
1975	2.3	2.3	595.4	535.2	2,295.1	51.1	2,231.5
1976	2.3	2.3	427.7	535.2	2,580.4	57.5	2,231.5
1977	2.3	2.3	715.1	535.2	2,337.6	52.1	2,231.5
1978	1.5	2.3	461.5	535.2	2,491.8	55.5	2,231.5
1979	0.7	2.3	471.5	535.2	2,275.9	50.7	2,231.5
1980	2.6	2.3	405.3	535.2	2,485.8	55.4	2,231.5
1981	4.4	2.3	479.7	535.2	2,433.2	54.2	2,231.5
1982	1.9	2.2	483.6	525.5	2,388.4	53.2	2,321.4
1983	3.5	2.2	479.4	525.5	2,280.1	50.8	2,321.4
1984	3.3	2.2	606.3	525.5	2,365.5	52.7	2,321.4
1985	1.4	2.2	546.5	525.5	2,339.7	52.1	2,321.4
1986	3.1	2.2	471.0	525.5	2,353.4	52.5	2,321.4
1987	5.5	2.2	458.5	525.5	2,304.7	51.4	2,321.4
1988	3.6	2.2	380.5	525.5	2,585.3	57.6	2,321.4
1989	1.8	2.2	440.9	525.5	2,565.0	57.2	2,321.4
1990	3.2	2.2	393.0	525.5	2,560.2	57.1	2,321.4
1991	3.5	2.2	618.1	525.5	2,359.7	52.6	2,321.4
1992	2.6	2.2	477.5	525.5	1,957.8	43.6	2,321.4
1993	2.1	2.4	621.3	504.6	2,104.1	46.9	2,377.3
1994	2.9	2.4	680.2	504.6	2,419.6	53.9	2,377.3
1995	2.0	2.4	444.7	504.4	2,133.7	47.6	2,377.3
1996	0.1	2.4	673.8	504.6	2,394.7	53.4	2,377.3
1997	2.3	2.4	486.1	504.4	M	M	2,377.3
1998	4.7	2.4	518.3	504.6	M	M	2,377.3
1999	4.3	2.4	530.5	504.6	2,151.8	48.0	2,377.3
2000	2.7	2.4	699.8	504.6	2,178.2	48.5	2,377.3
2001	3.8	2.4	541.7	504.6	2,176.9	48.5	2,377.3
2002	2.5	2.3	471.5	519.9	NA	NA	2,377.3

* Based on 4,486.7 hours of possible sunshine annually. P.S.: data no longer collected.

SOURCE: Atmospheric Environment Service, Environment Canada.

TABLE 171: Historical Monthly Temperatures at Winnipeg

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	ANNUAL
	degrees celcius												
Normal	-18.3	-15.1	-7.0	3.8	11.6	17.0	19.5	18.5	12.3	5.3	-5.3	-14.4	2.3
	mean temperatures												
1960	-16.6	-14.2	-10.6	2.1	13.0	16.4	21.1	20.0	13.8	6.8	-3.8	-14.7	2.8
1961	-16.8	-11.3	-4.1	1.1	11.4	20.0	20.2	21.6	11.3	6.6	-3.0	-16.6	3.4
1962	-20.1	-19.6	-7.9	0.3	10.8	18.4	18.7	18.5	12.2	8.2	-1.5	-12.1	2.2
1963	-20.3	-16.7	-5.4	4.9	9.9	19.0	21.8	19.6	14.7	12.8	-1.5	-16.1	3.6
1964	-14.6	-12.7	-12.0	4.8	12.4	15.3	20.7	16.5	11.0	6.5	-4.4	-18.7	2.1
1965	-21.6	-17.8	-13.8	3.3	10.3	16.9	18.0	17.3	8.0	7.1	-7.3	-9.9	0.9
1966	-26.7	-18.9	-5.5	1.2	8.8	17.4	20.7	17.9	13.6	5.1	-9.8	-15.7	0.7
1967	-17.3	-21.1	-8.8	0.4	8.1	15.8	18.7	17.5	15.7	4.4	-3.6	-11.7	1.5
1968	-18.4	-17.2	-3.8	3.8	9.3	15.3	17.6	15.5	13.7	5.7	-2.4	-14.7	2.1
1969	-21.9	-13.9	-10.8	5.9	10.5	12.3	18.5	20.9	12.7	2.5	-3.3	-10.2	1.9
1970	-19.9	-16.2	-13.1	1.4	9.3	18.9	20.5	18.9	12.8	6.0	-4.7	-17.3	1.4
1971	-22.5	-13.9	-6.7	3.2	10.1	17.6	16.4	18.8	13.3	6.3	-5.6	-15.2	1.8
1972	-22.0	-19.3	-27.5	3.2	14.6	17.3	17.1	18.5	10.3	2.4	-6.7	-19.2	0.7
1973	-14.0	-13.9	0.5	2.2	10.6	16.2	18.3	19.9	12.0	7.8	-7.5	-15.8	3.1
1974	-22.4	-17.6	-11.2	1.8	8.6	17.1	21.9	16.7	9.8	5.9	-3.3	-8.6	1.6
1975	-15.9	-16.7	-10.8	2.2	12.2	16.9	21.5	16.7	10.9	6.9	-2.0	-14.1	2.3
1976	-18.1	-11.6	-10.0	6.0	11.8	18.3	19.7	19.3	13.3	2.9	-5.9	-18.5	2.3
1977	-18.3	-15.7	-8.1	3.3	10.6	16.5	19.7	18.7	12.6	6.6	-4.4	-13.7	2.3
1978	-21.1	-17.7	-8.2	3.4	14.5	16.1	18.9	17.4	14.6	6.3	-8.4	-17.8	1.5
1979	-22.5	-22.0	-9.9	-0.6	7.3	16.2	20.9	16.4	13.0	4.3	-5.0	-9.8	0.7
1980	-18.8	-15.9	-10.0	7.9	15.7	16.8	20.4	16.9	11.2	4.1	-2.0	-15.5	2.6
1981	-14.1	-10.1	-1.0	4.6	10.9	16.0	20.3	20.1	12.4	5.3	1.0	-12.9	4.4
1982	-25.2	-14.5	-7.3	2.7	13.4	13.6	20.0	16.8	12.2	6.2	-5.8	-9.9	1.9
1983	-12.4	-10.5	-4.7	3.2	8.3	17.1	22.2	22.5	12.9	5.6	-1.9	-20.3	3.5
1984	-16.7	-6.8	-7.1	7.2	10.1	17.0	19.6	21.0	10.6	6.4	-4.9	-17.6	3.3
1985	-17.8	-16.9	-2.8	6.3	13.1	14.0	18.8	16.3	10.0	5.1	-11.9	-17.7	1.4
1986	-13.1	-15.0	-4.4	4.5	14.0	16.8	19.5	17.5	11.7	5.4	-9.6	-10.1	3.1
1987	-11.8	-6.4	-4.7	8.8	14.8	19.0	20.0	17.2	14.1	3.4	-0.8	-8.2	5.5
1988	-18.2	-15.7	-4.5	5.1	14.6	22.0	21.1	20.1	12.6	3.8	-4.4	-12.8	3.6
1989	-15.8	-18.5	-10.2	2.6	13.7	16.5	22.1	19.5	13.6	5.8	-7.7	-19.8	1.8
1990	-11.6	-14.6	-4.1	2.8	10.3	17.6	19.2	20.0	13.9	5.1	-4.3	-16.4	3.2
1991	-18.9	-10.0	-5.4	7.2	14.5	18.9	19.7	20.9	12.0	1.9	-8.5	-10.9	3.5
1992	-11.5	-10.1	-4.3	2.5	12.5	14.9	15.9	16.4	11.0	5.0	-4.7	-16.6	2.6
1993	-16.6	-14.8	-5.5	4.3	11.2	15.5	17.7	17.9	10.3	3.1	-5.6	-12.7	2.1
1994	-23.1	-17.8	-2.4	3.5	12.4	17.9	18.2	16.6	14.2	8.1	-1.8	-11.0	2.9
1995	-16.1	-16.2	-5.2	0.5	10.6	20.2	19.6	20.0	12.4	4.6	-10.6	-16.4	2.0
1996	-22.8	-15.1	-13.0	-1.6	9.3	18.6	18.9	19.2	13.0	5.3	-11.9	-18.4	0.1
1997	-19.9	-13.8	-10.5	-0.8	8.1	18.7	19.6	17.9	14.2	5.1	-5.7	-5.3	2.3
1998	-14.7	-4.6	-5.5	7.9	12.3	15.6	19.2	20.7	14.1	6.7	-3.2	-12.7	4.7
1999	-17.7	-8.0	-2.4	6.8	12.0	16.1	19.1	18.1	11.2	4.3	0.6	-8.7	4.3
2000	-17.3	-8.9	-0.1	4.0	10.9	14.5	19.3	18.8	11.6	6.5	-5.4	-22.0	2.7
2001	-12.6	-18.4	-6.2	5.2	12.8	16.2	20.4	19.3	13.7	4.3	0.9	-10.5	3.8
2002	-14.6	-10.0	-11.7	1.9	8.0	17.8	20.8	18.2	13.8	-0.5	-5.6	-8.5	2.5

SOURCE: Atmospheric Environment Service, Environment Canada.

TABLE 172: Historical Monthly Precipitation in Winnipeg

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	ANNUAL
	millimetres												
1960	18	11	31	50	34	55	17	78	24	47	12	19	**396.0**
1961	3	42	14	43	10	3	84	4	58	25	4	31	**321.0**
1962	22	40	30	17	132	54	155	173	16	18	55	11	**723.0**
1963	7	29	18	90	66	87	54	53	16	20	15	27	**482.0**
1964	17	5	50	54	34	119	22	71	35	6	16	31	**460.0**
1965	6	14	14	65	91	60	80	34	65	14	44	38	**525.0**
1966	9	10	41	47	38	36	86	105	18	22	26	21	**459.0**
1967	21	9	17	73	28	50	111	57	23	45	15	21	**470.0**
1968	21	5	13	32	99	83	144	143	59	40	4	9	**652.0**
1969	48	9	10	25	77	105	101	57	61	27	9	19	**548.0**
1970	23	15	27	65	87	50	70	75	112	27	27	23	**601.0**
1971	11	4	44	60	47	76	115	17	50	72	22	6	**524.0**
1972	16	10	20	13	29	50	60	103	61	25	10	25	**422.0**
1973	3	6	14	21	103	88	123	66	82	37	40	19	**602.0**
1974	39	11	15	59	156	18	32	110	46	5	6	13	**510.0**
1975	46	16	19	45	48	120	58	133	42	38	13	17	**595.0**
1976	30	23	23	32	10	183	37	59	10	2	1	18	**428.0**
1977	12	21	10	5	178	88	85	90	148	30	29	19	**715.0**
1978	10	8	11	23	123	51	61	18	83	10	43	21	**462.0**
1979	9	20	45	73	93	65	23	76	25	16	15	11	**471.0**
1980	34	17	13	0	8	45	24	110	86	33	25	11	**406.0**
1981	23	3	15	13	48	90	39	104	72	60	6	7	**480.0**
1982	26	8	36	13	23	54	107	59	58	62	6	32	**484.0**
1983	13	15	66	6	29	139	30	85	53	22	16	6	**480.0**
1984	12	8	12	47	30	228	38	21	62	99	27	22	**606.0**
1985	11	13	7	16	64	67	34	218	29	29	44	14	**546.0**
1986	9.6	12.9	16.9	98.3	25.2	59.2	118.0	17.0	47.5	11.6	48.4	6.4	**471.0**
1987	10.4	40.8	13.3	0.8	31.6	55.2	130.1	97.1	20.0	33.4	11.2	14.6	**458.5**
1988	8.8	10.7	24.2	0.8	29.9	94.9	70.8	8.5	61.3	26.8	21.3	22.5	**380.5**
1989	52.2	5.6	20.0	15.9	26.0	150.2	33.4	76.6	10.0	16.6	17.4	17.0	**440.9**
1990	24.4	9.1	32.8	19.8	29.7	143.1	33.2	16.9	31.5	8.8	19.6	24.1	**393.0**
1991	15.2	13.8	27.6	79.3	68.7	131.2	51.2	6.2	89.4	74.1	29.4	32.0	**618.1**
1992	14.0	11.8	19.0	35.8	19.8	58.5	110.7	78.4	90.2	2.8	39.4	29.2	**509.6**
1993	14.0	0.2	9.7	24.2	34.8	78.8	193.4	190.8	22.4	19.8	20.2	13.0	**621.3**
1994	14.0	5.2	6.0	21.4	69.7	80.0	148.3	123.0	69.6	87.6	36.2	19.2	**680.2**
1995	19.6	9.6	28.5	9.0	50.4	33.2	29.2	125.5	34.4	41.6	44.6	19.1	**444.7**
1996	22.6	36.8	34.2	53.6	84.2	83.8	97.3	85.5	49.8	27.4	58.4	40.2	**673.8**
1997	22.8	9.8	19.5	76.6	56.0	32.2	83.0	58.4	36.2	72.0	15.5	4.1	**486.1**
1998	32.0	50.2	9.9	38.6	100.0	59.5	38.7	95.2	10.6	59.2	5.0	19.4	**518.3**
1999	17.3	14.3	20.3	51.0	97.0	84.2	69.8	61.0	57.2	26.6	6.2	24.8	**529.7**
2000	17.2	30.0	31.0	4.4	53.1	177.4	122.6	67.3	63.6	30.4	75.0	27.8	**699.8**
2001	7.5	7.6	24.2	24.8	110.5	86.5	150.3	63.0	22.2	14.1	10.8	20.2	**541.7**
2002	15.9	5.0	15.9	38.3	54.8	76.4	81.2	89.4	42.5	17.3	22.6	12.2	**471.5**

SOURCE: Atmospheric Environment Service, Environment Canada.

TABLE 172: Precipitation in Winnipeg Continued

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	ANNUAL
	inches												
1960..	0.69	0.45	1.21	1.96	1.34	2.18	0.67	3.09	0.93	1.84	0.48	0.75	**15.59**
1961..	0.11	1.64	0.53	1.70	0.39	0.13	3.29	0.16	2.30	1.00	0.17	1.21	**12.63**
1962..	0.87	1.57	1.19	0.67	5.21	2.11	6.11	6.83	0.62	0.73	2.15	0.42	**28.48**
1963..	0.26	1.16	0.73	3.56	2.59	3.43	2.12	2.09	0.63	0.79	0.58	1.05	**18.99**
1964..	0.66	0.20	1.98	2.14	1.34	4.69	0.88	2.80	1.36	0.23	0.62	1.20	**18.10**
1965..	0.22	0.55	0.53	2.55	3.60	2.37	3.15	1.36	2.55	0.57	1.74	1.51	**20.70**
1966..	0.37	0.41	1.61	1.85	1.50	1.41	3.38	4.14	0.71	0.85	1.03	0.83	**18.09**
1967..	0.81	0.37	0.69	2.86	1.11	1.98	4.37	2.25	0.89	1.78	0.58	0.83	**18.52**
1968..	0.84	0.19	0.52	1.27	3.90	3.26	5.66	5.63	2.31	1.59	0.15	0.35	**25.67**
1969..	1.87	0.34	0.39	1.00	3.02	4.13	3.99	2.25	2.40	1.07	0.37	0.74	**21.57**
1970..	0.90	0.59	1.08	2.57	3.41	1.99	2.74	2.95	4.41	1.05	1.05	0.92	**23.66**
1971..	0.42	0.18	1.72	2.37	1.85	2.99	4.53	0.67	1.96	2.84	0.88	0.23	**20.64**
1972..	0.63	0.41	0.79	0.51	1.14	1.98	2.37	4.06	2.41	0.97	0.41	1.00	**16.68**
1973..	0.10	0.25	0.54	0.83	4.06	3.47	4.84	2.58	3.23	1.46	1.58	0.75	**23.69**
1974..	1.54	0.44	0.60	2.31	6.14	0.70	1.26	4.32	1.81	0.21	0.22	0.51	**20.06**
1975..	1.80	0.61	0.74	1.80	1.86	4.73	2.29	5.22	1.64	1.50	0.51	0.67	**23.37**
1976..	1.17	0.91	0.91	1.24	0.41	7.19	1.45	2.32	0.39	0.10	0.03	0.72	**16.84**
1977..	0.49	0.82	0.39	0.20	7.00	3.48	3.36	3.53	5.83	1.19	1.12	0.74	**28.15**
1978..	0.40	0.30	0.45	0.90	4.83	2.03	2.38	0.73	3.25	0.40	1.68	0.82	**18.17**
1979..	0.35	0.79	1.78	2.89	3.67	2.56	0.91	3.00	0.98	0.61	0.58	0.44	**18.56**
1980..	1.34	0.69	0.52	0	0.31	1.77	0.93	4.32	3.37	1.30	0.98	0.43	**15.96**
1981..	0.91	0.13	0.57	0.50	1.87	3.56	1.54	4.08	2.85	2.35	0.23	0.29	**18.88**
1982..	1.01	0.31	1.41	0.52	0.92	2.13	4.21	2.32	2.29	2.44	0.22	1.25	**19.03**
1983..	0.50	0.59	2.58	0.25	1.15	5.48	1.17	3.35	2.08	0.85	0.64	0.22	**18.86**
1984..	0.48	0.31	0.46	1.85	1.17	8.97	1.51	0.85	2.44	3.90	1.05	0.88	**23.87**
1985..	0.44	0.53	0.28	0.63	2.52	2.64	1.34	8.58	1.14	1.14	1.73	0.55	**21.52**
1986..	0.38	0.51	0.67	3.87	0.99	2.33	4.65	0.67	1.87	0.46	1.91	0.25	**18.56**
1987..	0.41	1.61	0.52	0.03	1.24	2.17	5.12	3.82	0.79	1.31	0.44	0.57	**18.03**
1988..	0.35	0.42	0.95	0.03	1.18	3.74	2.79	0.33	2.41	1.06	0.84	0.89	**14.99**
1989..	2.06	0.22	0.79	0.63	1.02	5.91	1.31	3.02	0.39	0.65	0.69	0.67	**17.36**
1990..	0.96	0.36	1.29	0.78	1.17	5.63	1.31	0.67	1.24	0.35	0.77	0.95	**15.48**
1991..	0.60	0.54	1.09	3.12	2.70	5.17	2.02	0.24	3.52	2.92	1.16	1.26	**24.34**
1992..	0.55	0.46	0.75	1.41	0.78	2.30	4.35	3.08	3.54	0.11	1.55	1.15	**20.03**
1993..	0.55	0.01	0.38	0.95	1.37	3.10	7.60	7.50	0.88	0.78	0.79	0.51	**24.42**
1994..	0.55	0.20	0.24	0.84	2.74	3.15	5.84	4.84	2.74	3.45	1.43	0.76	**26.78**
1995..	0.77	0.38	1.12	0.35	1.98	1.31	1.15	4.94	1.35	1.64	1.76	0.75	**17.51**
1996..	0.89	1.45	1.35	2.11	3.32	3.30	3.83	3.37	1.96	1.08	2.30	1.58	**26.53**
1997..	0.90	0.39	0.77	3.02	2.20	1.27	3.27	2.30	1.43	2.83	0.61	0.16	**19.14**
1998..	1.26	1.98	0.39	1.52	3.94	2.34	1.52	3.75	0.42	2.33	0.20	0.76	**20.41**
1999..	0.68	0.56	0.80	2.01	3.82	3.32	2.75	2.40	2.25	1.05	0.24	0.98	**20.85**
2000..	0.68	1.18	1.22	0.17	2.09	6.98	4.83	2.65	2.50	1.20	2.95	1.09	**27.55**
2001..	0.30	0.30	0.95	0.98	4.35	3.41	5.92	2.48	0.87	0.55	0.42	0.80	**21.33**
2002..	0.63	0.20	0.63	1.51	2.16	3.01	3.20	3.52	1.67	0.68	0.89	0.48	**18.56**

SOURCE: Atmospheric Environment Service, Environment Canada

TABLE 173: Historical Monthly and Annual Degree-Days*, Winnipeg

Year	Month	Cooling (above 18°C)	Normal	Growing (above 5°C)	Normal	Heating (below 18°C)	Normal
2002	January					1,010.5	1,129.1
	February					783.1	936.2
	March				1.8	919.2	778.5
	April		0.7	41.0	54.1	482.9	428.6
	May	4.8	13.0	130.3	214.0	314.1	212.0
	June	50.2	37.5	383.2	359.9	57.0	67.7
	July	95.9	68.3	490.7	450.5	8.2	20.9
	August	43.3	56.4	410.4	418.0	35.9	41.3
	September	12.9	7.9	267.4	221.9	140.3	178.8
	October		0.2	11.0	66.5	573.7	395.5
	November				4.1	705.8	698.0
	December					822.0	1,004.5
	Annual	**207.1**	**184.0**	**1,734.0**	**1,790.8**	**5,852.7**	**5,891.1**
2001	January					949.0	1,129.1
	February					1,017.0	936.2
	March				1.8	749.0	778.5
	April	1.7	0.7	71.3	54.1	387.4	428.6
	May	2.8	13.0	239.7	214.0	166.1	212.0
	June	29.7	36.8	336.3	357.8	83.4	69.0
	July	92.6	73.1	477.1	457.6	18.5	18.5
	August	72.2	56.4	443.8	413.6	31.4	45.7
	September	12.1	9.2	260.8	224.0	142.3	178.6
	October		0.3	45.2	74.9	424.9	380.9
	November			11.2	4.3	512.9	683.3
	December					882.8	1,013.7
	Annual	**211.1**	**189.5**	**1,885.4**	**1,802.1**	**5,364.7**	**5,874.1**
2000	January					1,093.3	1,129.1
	February					780.1	936.2
	March			15.6	1.8	559.7	778.5
	April		0.7	65.4	54.1	420.4	428.6
	May		13.0	185.5	214.0	218.8	212.0
	June	7.5	36.8	285.4	357.8	112.1	69.0
	July	69.9	73.1	444.9	457.6	28.0	18.5
	August	57.6	56.4	429.1	413.6	31.5	45.7
	September	2.1	9.2	207.1	224.0	193.1	178.6
	October		0.3	82.7	74.9	358.3	380.9
	November			5.3	4.3	699.8	683.3
	December					1,240.7	1,013.7
	Annual	**137.1**	**189.5**	**1,721.0**	**1,802.1**	**5,735.8**	**5,874.1**
1999	January					1,106.1	1,129.1
	February					727.5	936.2
	March			3.3	1.8	632.4	778.5
	April		0.7	99.1	54.1	336.3	428.6
	May	6.5	13.0	220.0	214.0	192.8	212.0
	June	25.6	36.8	332.2	357.8	83.4	69.0
	July	58.7	73.1	437.5	457.6	24.2	18.5
	August	40.5	56.4	407.8	413.6	35.7	45.7
	September		9.2	186.1	224.0	204.7	178.6
	October		0.3	28.5	74.9	424.1	380.9
	November			10.3	4.3	522.2	683.3
	December					826.3	1,013.7
	Annual	**131.3**	**189.5**	**1,724.8**	**1,802.1**	**5,115.7**	**5,874.1**

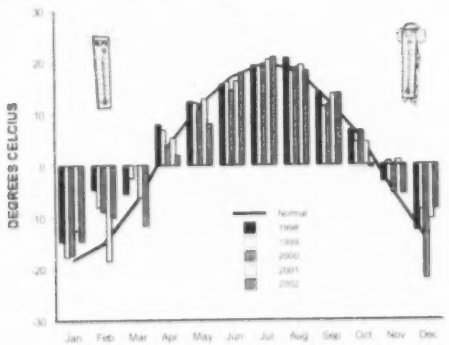
		Degree-Days Above					Degree-Days Below	
		24°C	18°C	10°C	5°C	0°C	0°C	18°C
1998	January						453.8	1,011.8
	February					11.1	140.3	633.2
	March				4.1	32.8	203.6	728.8
	April			34.3	103.5	236.6		303.4
	May		0.8	92.3	228.1	381.2		177.6
	June		25.3	184.7	319.1	460.1		96.2
	July	4.5	63.1	286.2	441.2	596.2		24.9
	August	0.4	85.6	330.3	485.3	640.3		3.3
	September	0.6	12.0	133.5	273.2	423.2		128.8
	October			11.0	71.4	206.1		351.9
	November				0.2	14.3	108.6	634.3
	December				0.1	5.4	400.6	953.2
	Annual	**5.5**	**186.8**	**1,072.3**	**1,926.2**	**3,016.3**	**1,276.9**	**5,047.9**
1997	January						618.7	1,176.7
	February						387.8	891.8
	March					2.5	326.7	882.2
	April				11.3	75.9	99.3	563.4
	May		3.2	41.0	118.1	251.2	0.6	310.6
	June	0.1	49.4	248.8	412.9	562.9		26.5
	July	1.0	77.9	290.0	450.7	605.7		30.2
	August	1.1	40.2	231.9	398.5	553.5		44.7
	September		12.1	133.3	275.5	425.5		126.6
	October			26.6	87.3	181.2	23.5	400.3
	November					2.4	173.1	710.7
	December					3.3	167.7	722.4
	Annual	**2.2**	**182.8**	**971.6**	**1,754.3**	**2,664.1**	**1,797.4**	**5,886.1**
1996	January						708.4	1,266.4
	February						438.0	960.0
	March					2.2	405.6	961.4
	April				5.2	40.0	88.7	588.7
	May		0.4	48.0	150.3	290.0		268.4
	June	10.5	71.8	248.2	406.7	556.7		55.1
	July	0.2	45.9	277.4	432.4	587.4		16.5
	August		55.7	287.5	442.5	597.5		16.2
	September		10.2	110.4	241.6	391.4		158.8
	October			14.9	63.2	182.6	16.1	391.5
	November					3.6	361.7	895.8
	December						569.1	1,127.1
	Annual	**10.7**	**184.0**	**986.4**	**1,741.9**	**2,651.4**	**2,587.6**	**6,705.9**
1995	January						499.6	1,057.6
	February						452.5	956.5
	March				1.8	40.2	199.8	717.6
	April				8.7	78.7	65.7	527.0
	May	0.5	13.9	79.7	176.9	327.5		244.4
	June	22.9	108.4	308.9	456.5	606.5		41.9
	July	2.9	60.2	299.1	454.1	609.1		9.1
	August	6.7	76.0	309.9	464.9	619.9		14.1
	September		8.8	107.5	226.9	372.5		176.3
	October			8.7	43.1	152.4	8.9	414.5
	November					2.3	319.8	857.5
	December						510.3	1,068.3
	Annual	**33.0**	**267.3**	**1,113.8**	**1,832.9**	**2,809.1**	**2,056.6**	**6,084.8**

		Degree-Days Above					Degree-Days Below	
		24°C	18°C	10°C	5°C	0°C	0°C	18°C
1994	January						716.8	1,274.8
	February						498.5	1,002.5
	March				0.6	29.9	103.2	631.3
	April			5.4	42.5	133.3	28.9	435.6
	May	0.3	10.7	106.4	233.6	385.1		183.6
	June		24.8	237.4	387.4	537.4		27.4
	July		34.4	253.6	408.6	563.6		28.8
	August		25.8	203.0	358.0	513.0		70.8
	September		9.7	133.5	276.0	426.0		123.7
	October			23.4	112.0	249.8		308.2
	November				0.3	40.1	94.8	594.7
	December					2.1	341.4	897.3
	Annual	**0.3**	**105.4**	**962.7**	**1,819.0**	**2,880.3**	**1,783.6**	**5,578.7**
1993	January						514.7	1,072.7
	February						415.7	919.7
	March					15.1	185.7	728.6
	April			2.0	29.5	132.9	4.3	411.4
	May		6.2	80.9	193.1	346.6		217.6
	June		26.9	165.4	313.8	463.8		103.1
	July		28.9	239.0	394.0	549.0		37.9
	August		36.1	243.2	398.2	553.2		40.9
	September			41.2	161.8	310.2		229.8
	October			0.3	29.3	111.9	17.8	463.9
	November					7.8	174.2	706.4
	December						394.0	952.0
	Annual	**0.0**	**98.1**	**772.0**	**1,519.7**	**2,490.5**	**1,706.4**	**5,884.0**
1992	January						355.1	913.1
	February					2.4	295.5	815.1
	March					14.4	148.1	691.7
	April			6.7	37.8	109.8	34.6	464.8
	May	2.9	23.7	122.7	237.6	387.2		194.5
	June		23.9	155.0	298.3	448.3		115.6
	July		6.2	182.9	337.9	492.9		71.3
	August		19.2	196.9	351.9	506.9		70.3
	September		1.9	68.3	183.8	330.7		211.2
	October		1.8	28.3	75.9	171.5	17.1	405.4
	November					1.3	143.0	681.7
	December						512.7	1,070.7
	Annual	**2.9**	**76.7**	**760.8**	**1,523.2**	**2,465.4**	**1,506.1**	**5,705.4**

* Degree-days is the difference between the average temperature for a day and some reference temperature such as 5°C and 18°C.

SOURCE: Atmospheric Environment Service, Environment Canada.

CHART 29: Average Monthly Temperatures, Winnipeg, 1998 – 2002



SOURCE: Atmospheric Environment Service, Environment Canada.
PREPARED BY: Market Analysis & Statistics Section, Manitoba Agriculture and Food.

TABLE 174: Historical Selected Seasonal Data

Year	Assiniboine River Entirely Clear of Ice at Winnipeg	Date Wheat Seeding Became General	Wheat Harvest Begun Generally	Ground Frozen So as to Stop General Field Work
1960	April 16	May 21	Aug. 19	Nov. 7
1961	April 21	May 15	Aug. 14	Nov. 5
1962	April 26	June 5	Sept. 3	Nov. 15
1963	April 12	June 1	Aug. 10	Nov. 20
1964	April 22	May 18	Aug. 17	Nov. 10
1965	April 16	May 26	Aug. 27	Nov. 7
1966	April 13	May 25	Aug. 23	Nov. 4
1967	April 23	May 20	Aug. 19	Nov. 21
1968	April 12	May 22	Aug. 27	Nov. 7
1969	April 19	May 21	Aug. 26	Nov. 11
1970	April 25	June 2	Aug. 25	Nov. 16
1971	April 19	May 18	Aug. 26	Oct. 30
1972	April 20	May 15	Aug. 29	Oct. 27
1973	April 5	May 10	Aug. 23	Oct. 30
1974	April 20	June 4	Sept. 10	Nov. 18
1975	April 18	May 16	Aug. 21	Nov. 20
1976	April 11	May 11	Aug. 14	Dec. 2
1977	April 12	May 10	Aug. 12	Nov. 22
1978	April 17	May 14	Aug. 31	Nov. 9
1979	April 25	June 7	Sept. 10	Nov. 22
1980	April 2	May 1	Aug. 26	Nov. 26
1981	April 2	May 2	Aug. 25	Nov. 28
1982	April 21	May 10	Aug. 30	Nov. 16
1983	April 7	May 11	Aug. 12	Nov. 17
1984	April 10	May 7	Aug. 9	Nov. 18
1985	April 4	May 5	Aug. 12	Nov. 19
1986	April 7	May 25	Aug. 26	Nov. 6
1987	April 5	May 5	Aug. 8	Nov. 9
1988	April 6	May 3	Aug. 8	Nov. 7
1989	April 8	May 9	Aug. 8	Nov. 16
1990	April 19	May 15	Aug. 14	Nov. 24
1991	April 9	May 7	Aug. 7	Nov. 3
1992	April 11	May 15	Aug. 14	Nov. 2*
1993	April 13	May 11	Sept. 14	Nov. 26
1994	April 9	May 6	Aug. 12	Nov. 18
1995	March 23	May 24	Aug. 15	Nov. 3*
1996	April 20	May 30	Aug. 15	Nov. 17
1997	April 23	May 15	Aug. 21	Nov. 6
1998	April 6	May 1	Aug. 10	Nov. 12
1999	April 9	May 3	Aug. 13	Dec. 3
2000	March 27	May 1	Aug. 11	Nov. 11
2001	April 19	May 28	Aug. 27	Nov. 28
2002	April 20	May 21	Aug. 20	Nov. 9

* Due to snow cover.
SOURCE: Atmospheric Environment Service, Environment Canada

SOURCES AND METHODS

A large percentage of the material presented in this Yearbook for the current year is based on preliminary estimates derived from sample data. Revisions of estimates made in previous Yearbooks are included in this report. The statistics program of Manitoba Agriculture and Food, a major source of material for the Yearbook, involves close cooperation with Statistics Canada and coordination of information from many sources, including the Canadian Grain Commission, Agriculture and Agri-Food Canada, other government and private agencies and business firms dealing in farm products and supplies. Farmers contribute through livestock and crop reporting, as do staff members of Manitoba Agriculture and Food. Basic data from Statistics Canada are derived from surveys in cooperation with Manitoba Agriculture and Food. Survey samples vary from one percent to ten percent of farmers, depending on the type of information required.

Data for agricultural regions in the Yearbook can be supplemented by more detailed data for municipalities from the Census of Agriculture. The Census also provides some information on features of agriculture not covered in this Yearbook. Census division and agricultural region boundaries were changed in 1976 and Statistics Canada's estimates of crop production using the new boundaries were first made in 1977. Thus, small area estimates since 1977 are not comparable with earlier data.

Some figures may not add up due to rounding.

CROPS

Total Value of Production. This includes all crops grown on farms in the current year for sale, feed, seed and home consumption at prevailing market prices during the crop year. Disposal of these crops for various uses in the current or subsequent years may have very little effect on the total value. With few exceptions, production value of each crop represents value to the producer. Prior to 1981, the farm value for grains, oilseeds and other crops was calculated from imperial data. For 1981 and beyond, the calculation is made from metric data.

Prices. Prices used to calculate production value for most crops are those farmers receive at the shipping point. This is regarded as farm value because freight, handling and other marketing charges are deducted. Transportation costs incurred by farmers in delivering grain to elevators are included with farm expenses. Average prices for all crops are estimated final prices, based on Manitoba Agriculture and Food market outlook work. As a result, production value is more comparable with previous years, since initial payments would grossly underestimate crop value. Prices are subject to revision after all relevant sales and payments have been made. Small revisions will be necessary in current prices of crops when more information on sales and payments is available.

Areas. Most crop areas are estimated by Statistics Canada in cooperation with Manitoba Agriculture and Food. Agricultural region estimates beginning in 1994 utilize Manitoba Crop Insurance Corporation data. Minor crops, such as forage seeds and caraway are estimated through contacts with dealers, processors and Department staff and/or through administrative data. Estimates, in most cases, for harvested area and yields are based on the land harvested. Prior to 1986, the mixed grain area may have included some area cut for silage, with offsetting seeded area yield adjustments. Prior to 1991, the tame hay area may have included hay cut for silage, as well as some forage seed area.

Yields. Most crop yields are derived from Statistics Canada surveys, in cooperation with Manitoba Agriculture and Food, and from provincial crop insurance data. A number of minor crops are estimated mainly by Manitoba Agriculture and Food and revised as market data require. In some cases, yield multiplied by area may not exactly equal production, due to the rounding of one or more of the three items.

Wheat. Quality data were obtained from the Canadian Grain Commission, the Canadian Wheat Board and/or from provincial crop insurance data. Initial payments to producers were reported by the Wheat Board. Thunder Bay selling prices were recorded by the Canadian Grain Commission. Marketing data were provided by the Canadian Grain Commission and Statistics Canada. Such data were also published by Statistics Canada in the Cereals and Oilseeds Review (22-007 monthly) and the Grain Trade of Canada (22-201 annual).

Barley. Distribution by grades and initial payments have the same sources as wheat. Since private firms, in addition to the Wheat Board, sell barley, terminal elevator selling prices are Winnipeg Commodity Exchange cash quotations. Marketing data are from the same sources as wheat.

Oats, Flaxseed, Canola and Other Crops. These were treated, for the most part, similarly to the cereal grains. Regional data were not always available but verbal description was used when possible. **Sugar beets** were based on a harvested area basis. Values were at the factory level, obtained from Rogers Sugar Ltd., which ceased operation in early 1997. **Forage seed** data are from the forage specialist, Manitoba Agriculture and Food and the Manitoba Forage Seed Association check-off sales reports. The value of forage corn is estimated based on a dry matter value of hay and grain corn. **Wild rice** data are from the Canada Wild Rice Council.

Horticultural Crops. Included are vegetables, potatoes, fruit and ornamentals. The commercial vegetable area and prices are estimated jointly by Statistics Canada and Manitoba Agriculture and Food. The processing potato marketing data were obtained from the processors. Different levels of prices are used with respect to processing, fresh market and seed potatoes to arrive at the total value. Other horticultural values, including vegetables, fruit and ornamentals, also are derived in consultation with Peak of the Market, producers, processors, nurseries, sod farmers and the provincial horticulturists.

Pedigreed Seed. Because of its importance to Manitoba agriculture, the area seeded to this type of crop is given in detail. These figures are included in the estimates of total production of cereals, grasses and other crops. A portion of this seed is used in the province and part is exported. These are not included in the records of commercial marketings through elevators, but are considered in the total value of crop production.

LIVESTOCK

The production value of **cattle and hogs** includes commercial marketings and inventory change. A gain in numbers on farms is a part of production, but a decline during the year is a loss in production. Inventory figures are from Statistics Canada surveys. Animals in the category "local slaughterings" are those farmers kill and eat, kill and sell, or sell locally for non-plant slaughter and consumption. These animals, as well as commercial marketings, are a part of production. Inshipments are those animals brought in from other provinces, usually Saskatchewan and Alberta. To avoid double counting in the value of production, inshipments are deducted. Commercial marketings include slaughter of Manitoba-origin livestock and estimates of direct exports to other provinces, the United States and other countries. Prices of all classes of livestock marketed are taken from Canfax and Manitoba Agriculture and Food. From these figures, the average dollar value per animal is calculated and applied to animals marketed.

Slaughter and Quality. Data for cattle and hogs are obtained principally from Canadian Food Inspection Agency, Agriculture and Agri-Food Canada and Manitoba Agriculture and Food.

Sheep. Sources are the same as those for cattle and hogs. The production calculation is based on an estimate of the number of lambs produced during the year. Wool data are from Statistics Canada.

Dairy. Production figures are obtained from Statistics Canada publication 23-001 and Manitoba Milk Producers. The supplementary payments are not allocated to the different classes of milk but are added in the total value of dairy production.

Poultry. Production and marketing information is derived from Statistics Canada catalogue No. 23-202, and information provided by the various poultry producer agencies. Duck and geese marketings and prices are estimated by Manitoba Agriculture and Food based on information from processors and the number of birds on farms.

Other Livestock. Information on PMU operations are obtained from Ayerst Organics Ltd., while current data on other livestock species are derived from information provided by producer associations, Agriculture and Agri-Food Canada, Statistics Canada and Manitoba Agriculture and Food staff.

OTHER PRODUCTS

Honey, Beeswax and Bees. Production estimates are made cooperatively by Statistics Canada and Manitoba Agriculture and Food.

Fur. Data for fur farms and on wildlife pelts are obtained from Statistics Canada's publication 23-603E.

Forest. Products are those listed as sales in Statistics Canada farm income estimates.

RESOURCES

Most resource information for Census years is from Statistics Canada, Agriculture Division.

Farm Numbers. These are taken from the Census according to the current definition of a farm. In 1966 and 1971, a farm was defined as an agricultural holding of 0.40469 hectares (one acre) or more with sales during the previous twelve months of $50.00 or more. Previous definitions were less restrictive. The 1981 and 1986 Census definitions refer to agricultural holdings with sales of agricultural products during the past twelve months of $250.00 or more, while in 1991 and 1996, the Census farm is defined as an agricultural holding which produces agricultural products for sale. Farm estimates for intervening years are unofficial estimates by Manitoba Agriculture and Food.

Labour Force. Statistics are from Statistics Canada's Census of Population and Census of Agriculture. Wages come from Statistics Canada.

Machinery. Sales data were from the Canadian Farm and Industrial Equipment Institute, but are no longer available.

Fertilizer. Sales data are from the Western Canada Fertilizer Association and Agriculture & Agri-Food Canada.

LAND VALUES

Data are obtained from Statistics Canada.

FARM INPUT PRICE INDEX

This index comes from Statistics Canada and measures the price changes of goods and services purchased by farmers for use in agricultural production. Items included are weighted according to relative importance and grouped according to farm use.

The groups in the Farm Input Price Index consist of the following sub groups or items.

Building and Fencing. Building and fencing includes building replacement and repairs (materials and labour) and fencing construction and repairs.

Machinery and Motor Vehicles. Machinery and motor vehicles includes tractors, combines, ploughs, disc harrows, grain drills, manure spreaders, balers, automobiles and trucks, petroleum products, maintenance, licence and motor vehicle insurance.

Crop Production. Crop production includes grains, legumes and grass, seed, fertilizer, pesticides, twine and crop insurance.

Animal Production. Animal production includes feeder livestock, cattle, hogs, chicks and turkey poults, feed (prepared and grain feed), artificial insemination and veterinary services.

Supplies and Services. Supplies and services includes small tools, electricity, telephone and custom work.

Hired Labour. Hired labour includes hourly, daily and monthly rates.

FARM PRODUCT PRICE INDEX

The Farm Product Price Index (FPPI), formerly called Index Numbers of Farm Prices of Agricultural Products, gives a measure of the change over time in the prices received by farmers for agricultural commodities at the first point of sale. The Index is calculated by Statistics Canada and is based on products accounting for about 95 percent of total farm cash receipts.

The Farm Product Price Index (FPPI) was reformulated in 2000 to capture the continual shift in agriculture commodities produced and sold. It also introduces the seasonal basket concept. The new index uses 1997 as the time base (1997 = 100) and covers more agriculture commodities. This FPPI replaces the old index, which was calculated until March 1996. The index was reconstructed back to January 1992 and is linked back to 1935.

INCOME

Cash and net farm income and expense data on a provincial basis are obtained from Statistics Canada's most recent published estimates.

Calculations on a per farm basis are made by Manitoba Agriculture and Food and may not truly reflect exact averages. Census farms, as a basis, are not the only contributors to total sales. Small units, not called farms, do sell produce, but the amounts are minimal.

WEATHER DATA

These are obtained on a regular basis from the Environment Canada, Atmospheric Environment Service, Winnipeg Climate Centre, Room 1000, 266 Graham Avenue, Winnipeg, Manitoba, R3C 3V4.

Growing Degree-Days (GDD) extracted from Soil, Water & Climate, Agriculture Climate of the Eastern Canadian Prairies. HEAT: Heat Accumulations http://www.gov.mb.ca/agriculture/climate/waa01s06.html

Calculation of GDD is relatively straight forward: heat accumulated each day is determined by adding together the maximum and minimum temperatures and dividing the total by two to obtain a daily average. The base temperature specific to a given crop or insect is subtracted from this average. This value represents the daily heat useful to a crop or insect. Results greater than zero are added to determine the weekly, monthly or yearly GDD accumulated.

GDD can be used to:

- assess the suitability of a region for production of a particular crop;
- estimate the growth-stages of crops or life stages of insects;
- predict maturity and cutting dates of forage crops;
- estimate the heat stress on crops such as canola;
- help estimate the yields of cereals and canola, as well as the protein content of cereals and the oil content of canola; and
- as a planning tool for spacing planting dates to separate harvest dates in vegetable production.

METRIC CONVERSION FACTORS

1 acre = 43,560 square feet
1 hectare = 10,000 square metres (100 m X 100 m)
1 acre = 0.40469 hectares
1 hectare = 2.47105 acres
1 pound = 0.45359 kilograms
1 ounce = 28.35 grams
1 Imperial ton = 0.907185 tonnes
1 Imperial bushel = 0.036368 cubic metres
1 Imperial gallon = 4.546 litres
1 Imperial fluid ounce = 28.413 millilitres
1 foot = 0.3048 metres
1 inch = 2.54 centimetres
°C (Celsius) = 5/9 (°Fahrenheit - 32)
1 metric tonne = 1.102 Imperial tons
1 metric tonne = 2,204.6 pounds

Crop Metric Conversion Factors

Crop	Weight & Yield (bushels per tonne)
Wheat	36.744
Oats	64.842
Barley	45.930
Rye	39.368
Flaxseed	39.368
Canola	44.092
Soybeans	36.744
Corn	39.368
Peas, Beans	36.744
Buckwheat	45.930
Triticale	42.4
Safflower	58.6

Other crops are measured in pounds, tons, kilograms or tonnes; see conversions above.

ABBREVIATIONS

E Estimated.
NA Not available.
NQ Not quoted.
P Preliminary, subject to change.
R Revised.

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